Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTADEO1625

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

```
NEWS  1          Web Page for STN Seminar Schedule - N. America
NEWS  2  JUL 02  LMEDLINE coverage updated
NEWS  3  JUL 02  SCISEARCH enhanced with complete author names
NEWS  4  JUL 02  CHEMCATS accession numbers revised
NEWS  5  JUL 02  CA/CAplus enhanced with utility model patents from China
NEWS  6  JUL 16  CAplus enhanced with French and German abstracts
NEWS  7  JUL 19  CA/CAplus patent coverage enhanced
NEWS  8  JUL 26  USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS  9  JUL 30  USGENE now available on STN
NEWS 10  AUG 06  CAS REGISTRY enhanced with new experimental property tags
NEWS 11  AUG 06  FSTA enhanced with new thesaurus edition
NEWS 12  AUG 13  CA/CAplus enhanced with additional kind codes for granted
                 patents
NEWS 13  AUG 20  CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS 14  AUG 27  Full-text patent databases enhanced with predefined
                 patent family display formats from INPADOCDB
NEWS 15  AUG 27  USPATOLD now available on STN
NEWS 16  AUG 28  CAS REGISTRY enhanced with additional experimental
                 spectral property data
NEWS 17  SEP 07  STN AnaVist, Version 2.0, now available with Derwent
                 World Patents Index
NEWS 18  SEP 13  FORIS renamed to SOFIS
NEWS 19  SEP 13  INPADOCDB enhanced with monthly SDI frequency
NEWS 20  SEP 17  CA/CAplus enhanced with printed CA page images from
                 1967-1998
NEWS 21  SEP 17  CAplus coverage extended to include traditional medicine
                 patents
NEWS 22  SEP 24  EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 23  OCT 02  CA/CAplus enhanced with pre-1907 records from Chemisches
                 Zentralblatt
NEWS 24  OCT 19  BEILSTEIN updated with new compounds

NEWS EXPRESS  19 SEPTEMBER 2007:  CURRENT WINDOWS VERSION IS V8.2,
              CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS    STN Operating Hours Plus Help Desk Availability
NEWS LOGIN    Welcome Banner and News Items
NEWS IPC8     For general information regarding STN implementation of IPC 8
```

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer

agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 18:10:05 ON 14 NOV 2007

=> ....Testing the current file.... screen

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Please change to a suitable file and repeat your upload

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FIL REGISTRY
FILE 'REGISTRY' ENTERED AT 18:10:17 ON 14 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 NOV 2007 HIGHEST RN 953361-13-2
DICTIONARY FILE UPDATES: 13 NOV 2007 HIGHEST RN 953361-13-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

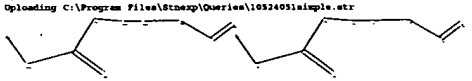
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\Program Files\Stnexp\Queries\10524051simple.str



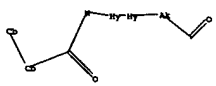

```
chain nodes :
1  2  3  5  6  7  9  10
ring/chain nodes. :
4  8
chain bonds :
1-2  1-5  2-3  3-4  5-6  6-7  7-8  7-9  9-10
exact/norm bonds :
1-2  1-5  2-3  3-4  5-6  6-7  7-8
exact bonds :
7-9  9-10

Match level :
1:Atom  2:CLASS  3:CLASS  4:CLASS  5:Atom  6:CLASS  7:CLASS  8:CLASS  9:Atom
10:Atom
Generic attributes :
1:
Saturation              : Saturated
Number of Carbon Atoms  : less than 7
Number of Hetero Atoms  : Exactly 1
Type of Ring System     : Monocyclic
5:
Saturation              : Unsaturated
Number of Carbon Atoms  : less than 7
Type of Ring System     : Monocyclic
9:
Saturation              : Unsaturated
10:
Saturation              : Unsaturated

Element Count :
Node 1: Limited
    C,C5
    N,N1

Node 5: Limited
    C,C3-6
    N,N0-3
```

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 18:10:32 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 487333 TO ITERATE

0.4% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

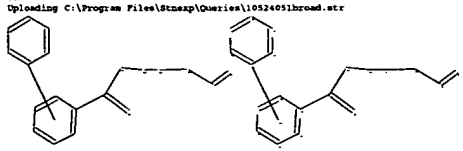
FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 9707031 TO 9786289
PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\Program Files\Stnexp\Queries\10524051broad.str



```
chain nodes :
1  2  3  5  6  7
ring nodes :
11  12  13  14  15  16  17  18  19  20  21  22
ring/chain nodes :
4  8
```



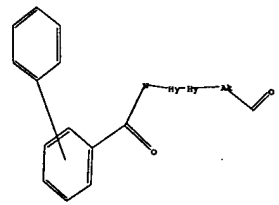
```
chain bonds :
1-2  1-5  2-3  3-4  5-6  6-7  7-8  7-11
ring bonds :
11-12  11-16  12-13  13-14  14-15  15-16  17-18  17-22  18-19  19-20  20-21  21-22
exact/norm bonds :
1-2  1-5  2-3  3-4  5-6  6-7  7-8
exact bonds :
7-11
normalized bonds :
11-12  11-16  12-13  13-14  14-15  15-16  17-18  17-22  18-19  19-20  20-21  21-22

Match level :
1:Atom  2:CLASS  3:CLASS  4:CLASS  5:Atom  6:CLASS  7:CLASS  8:CLASS  11:CLASS
12:CLASS  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom  18:Atom  19:Atom  20:Atom
21:Atom  22:Atom  23:Atom
Generic attributes :
1:
Saturation              : Saturated
Number of Carbon Atoms  : less than 7
Number of Hetero Atoms  : Exactly 1
Type of Ring System     : Monocyclic
5:
Saturation              : Unsaturated
Number of Carbon Atoms  : less than 7
Type of Ring System     : Monocyclic

Element Count :
Node 1: Limited
    C,C5
    N,N1

Node 5: Limited
    C,C3-6
    N,N0-3
```

L4 STRUCTURE UPLOADED

=> que L4

L5 QUE L4

=> d l4
L4 HAS NO ANSWERS
L4 STR



Structure attributes must be viewed using STN Express query preparation.

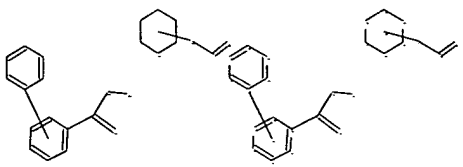
=> s l4
SAMPLE SEARCH INITIATED 18:12:06 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 142734 TO ITERATE

1.4% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 2832343 TO 2876997
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L4

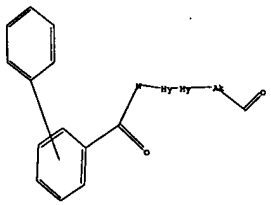
=>
Uploading C:\Program Files\Stnexp\Queries\10524051again.str



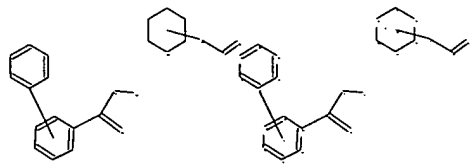
```
chain nodes :
1  2  4  5  6
ring nodes :
9  10  11  12  13  14  15  16  17  18  19  20  22  23  24  25  26  27
ring/chain nodes :
3  7
chain bonds :
1-2  2-3  4-5  5-6  6-7  6-9
ring bonds :
9-10  9-14  10-11  11-12  12-13  13-14  15-16  15-20  16-17  17-18  18-19  19-20
22-23  22-27  23-24  24-25  25-26  26-27
exact/norm bonds :
1-2  2-3  4-5  5-6  6-7  22-23  22-27  23-24  24-25  25-26  26-27
exact bonds :
6-9
normalized bonds :
9-10  9-14  10-11  11-12  12-13  13-14  15-16  15-20  16-17  17-18  18-19  19-20

Match level :
1:CLASS  2:CLASS  3:CLASS  4:Atom  5:CLASS  6:CLASS  7:CLASS  9:CLASS  10:CLASS
11:Atom  12:Atom  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom  18:Atom  19:Atom
20:Atom  21:Atom  22:Atom  23:Atom  24:Atom  25:Atom  26:Atom  27:Atom  28:Atom
Generic attributes :
4:
Saturation              : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System     : Monocyclic

Element Count :
Mode 4: Limited
    C,C1-6
    N,NO-3
```



```
L7      STRUCTURE UPLOADED

=> d l6
L6 HAS NO ANSWERS
L6                STR
```



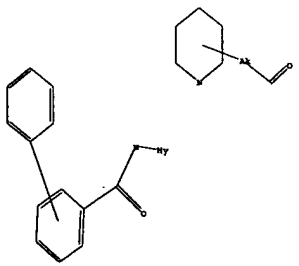
```
Structure attributes must be viewed using STN Express query preparation.
L6              0 SEA FILE=REGISTRY SSS SAM L4


=> s l6
SAMPLE SEARCH INITIATED 18:13:48 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   142734 TO ITERATE

  1.4% PROCESSED     2000 ITERATIONS                                  0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:       2832363 TO  2876997
PROJECTED ANSWERS:             0 TO        0

L8              0 SEA SSS SAM L4

=>
Uploading C:\Program Files\Stnexp\Queries\10524051again.str
```

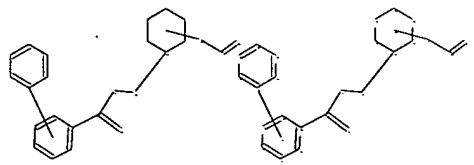
```
chain nodes :
1  2  4  5  6
ring nodes :
9  10  11  12  13  14  15  16  17  18  19  20  22  23  24  25  26  27
ring/chain nodes :
3  7
chain bonds :
1-2  2-3  4-5  5-6  6-7  6-9
ring bonds :
9-10  9-14  10-11  11-12  12-13  13-14  15-16  15-20  16-17  17-18  18-19  19-20
22-23  22-27  23-24  24-25  25-26  26-27
exact/norm bonds :
1-2  2-3  4-5  5-6  6-7  22-23  22-27  23-24  24-25  25-26  26-27
exact bonds :
6-9
normalized bonds :
9-10  9-14  10-11  11-12  12-13  13-14  15-16  15-20  16-17  17-18  18-19  19-20

Match level :
1:CLASS  2:CLASS  3:CLASS  4:Atom  5:CLASS  6:CLASS  7:CLASS  9:CLASS  10:CLASS
11:Atom  12:Atom  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom  18:Atom  19:Atom
20:Atom  21:Atom  22:Atom  23:Atom  24:Atom  25:Atom  26:Atom  27:Atom  28:Atom
Generic attributes :
4:
Saturation              : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System     : Monocyclic

Element Count :
Mode 4: Limited
    C,C1-6
    N,NO-3
```



```
L9      STRUCTURE UPLOADED

=> d l9
L9 HAS NO ANSWERS
L9                STR
```



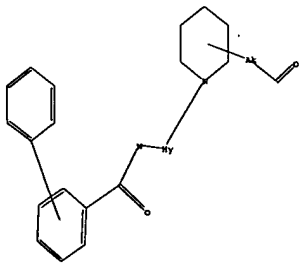
```
Structure attributes must be viewed using STN Express query preparation.

=> s l9
SAMPLE SEARCH INITIATED 18:14:02 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    82976 TO ITERATE

  2.4% PROCESSED     2000 ITERATIONS                                  0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:       1642392 TO  1676648
PROJECTED ANSWERS:             0 TO        0

L10             0 SEA SSS SAM L9

=>
Uploading C:\Program Files\Stnexp\Queries\10524051help.str
```

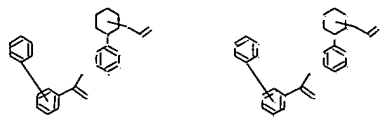
```
chain nodes :
1  2  4  5  6
ring nodes :
9  10  11  12  13  14  15  16  17  18  19  20  22  23  24  25  26  27
ring/chain nodes :
3  7
chain bonds :
1-2  2-3  4-5  4-22  5-6  6-7  6-9
ring bonds :
9-10  9-14  10-11  11-12  12-13  13-14  15-16  15-20  16-17  17-18  18-19  19-20
22-23  22-27  23-24  24-25  25-26  26-27
exact/norm bonds :
1-2  2-3  4-5  4-22  5-6  6-7  22-23  22-27  23-24  24-25  25-26  26-27
exact bonds :
6-9
normalized bonds :
9-10  9-14  10-11  11-12  12-13  13-14  15-16  15-20  16-17  17-18  18-19  19-20

Match level :
1:CLASS  2:CLASS  3:CLASS  4:Atom  5:CLASS  6:CLASS  7:CLASS  9:CLASS  10:CLASS
11:Atom  12:Atom  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom  18:Atom  19:Atom
20:Atom  21:Atom  22:Atom  23:Atom  24:Atom  25:Atom  26:Atom  27:Atom  28:Atom
Generic attributes :
4:
Saturation              : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System     : Monocyclic

Element Count :
Mode 4: Limited
    C,C1-6
    N,NO-3
```



```
L11     STRUCTURE UPLOADED

=> d l11
L11 HAS NO ANSWERS
L11               STR
```



```
Structure attributes must be viewed using STN Express query preparation.

=> s l11
SAMPLE SEARCH INITIATED 18:14:59 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    82976 TO ITERATE

  2.4% PROCESSED     2000 ITERATIONS                                  0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:       1642392 TO  1676648
PROJECTED ANSWERS:             0 TO        0

L12             0 SEA SSS SAM L11

=>
Uploading C:\Program Files\Stnexp\Queries\10524051grv.str
```



chain nodes :
1 2 5
ring nodes :
7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 28 29 30 31
32 33
ring/chain nodes :
3 4 6
chain bonds :
1-2 2-3 4-5 5-6 5-7 13-20
ring bonds :
7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15 15-16 16-17 17-18 20-25
20-21 21-22 22-23 23-24 24-25 28-29 28-33 29-30 30-31 31-32 32-33
exact/norm bonds :
1-2 2-3 4-5 5-6 5-7 13-14 13-18 13-20 14-15 15-16 16-17 17-18 20-25
20-21 21-22 22-23 23-24 24-25
normalized bonds :
7-8 7-12 8-9 9-10 10-11 11-12 28-29 28-33 29-30 30-31 31-32 32-33

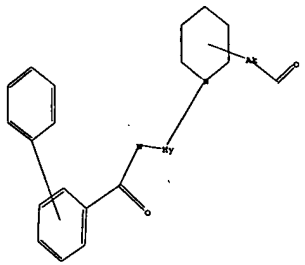
G1:C,N

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom
19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 28:Atom 29:Atom
30:Atom 31:Atom 32:Atom 33:Atom 34:Atom

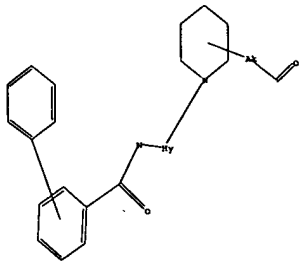
L13 STRUCTURE UPLOADED

=> d l12
L12 HAS NO ANSWERS
L11 STR



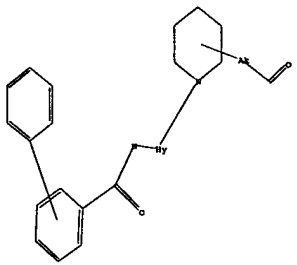
Structure attributes must be viewed using STN Express query preparation.
L12 0 SEA FILE=REGISTRY SSS SAM L11

=> d l11
L11 HAS NO ANSWERS
L11 STR



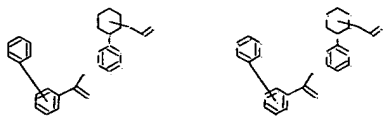
Structure attributes must be viewed using STN Express query preparation.

=> d l12
L12 HAS NO ANSWERS
L11 STR



Structure attributes must be viewed using STN Express query preparation.
L12 0 SEA FILE=REGISTRY SSS SAM L11

=>
Uploading C:\Program Files\Stnexp\Queries\10524051grv.str



chain nodes :
1 2 5
ring nodes :
7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 28 29 30 31
32 33
ring/chain nodes :
3 4 6
chain bonds :
1-2 2-3 4-5 5-6 5-7 13-20
ring bonds :
7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15 15-16 16-17 17-18 20-25
20-21 21-22 22-23 23-24 24-25 28-29 28-33 29-30 30-31 31-32 32-33
exact/norm bonds :
1-2 2-3 4-5 5-6 5-7 13-14 13-18 13-20 14-15 15-16 16-17 17-18 20-25
20-21 21-22 22-23 23-24 24-25
normalized bonds :
7-8 7-12 8-9 9-10 10-11 11-12 28-29 28-33 29-30 30-31 31-32 32-33

G1:C,N

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom
19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 28:Atom 29:Atom
30:Atom 31:Atom 32:Atom 33:Atom 34:Atom

L14 STRUCTURE UPLOADED

=> d l14
L14 HAS NO ANSWERS
L14 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

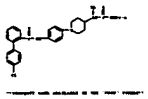
=> s l14
SAMPLE SEARCH INITIATED 10:20:49 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 43832 TO ITERATE

4.69 PROCESSED 2000 ITERATIONS 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

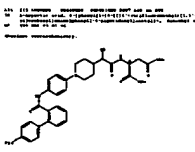
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 864138 TO 889142
PROJECTED ANSWERS: 158 TO 718

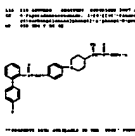
L15 1 SEA SSS SAM L14

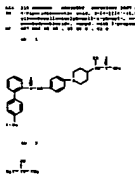
=> d scan

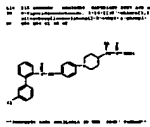


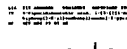

```
=> s l14 full
FULL SEARCH INITIATED 18:21:02 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    879858 TO ITERATE

100.0% PROCESSED    879858 ITERATIONS                      215 ANSWERS
SEARCH TIME: 00.00.13

L16          215 SEA SSS FUL L14

=> d scan
```

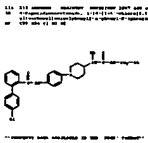



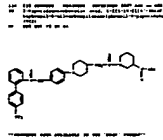


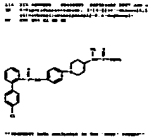


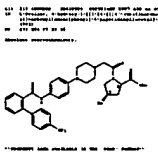


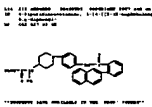


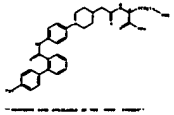


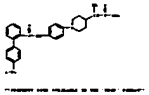


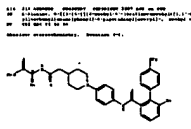


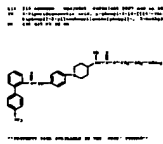


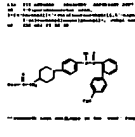


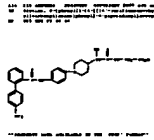


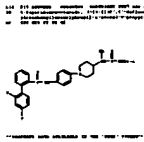


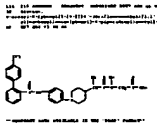


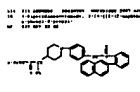


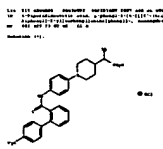


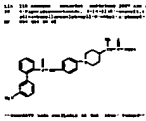


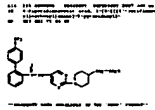


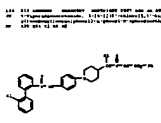


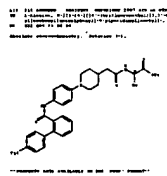


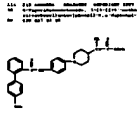


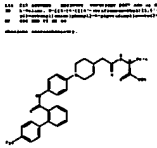


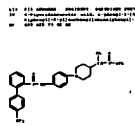


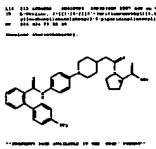


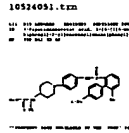


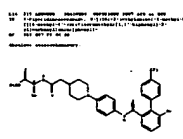


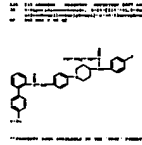


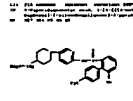


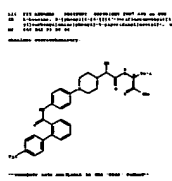


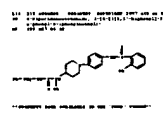


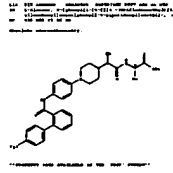


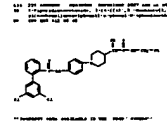


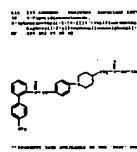


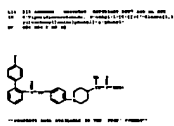


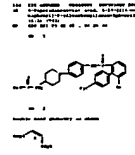


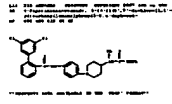


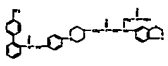


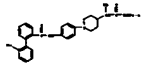


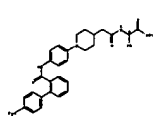


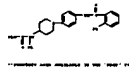


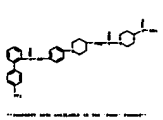


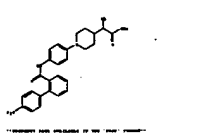


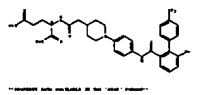


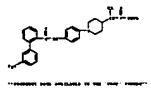


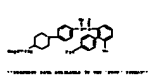


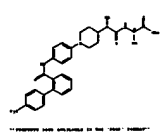


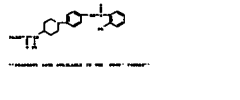


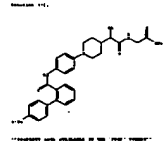


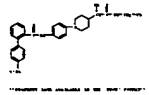


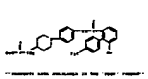


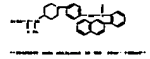


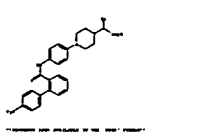


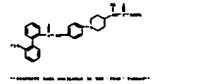


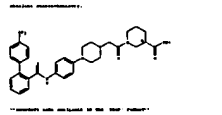


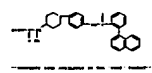


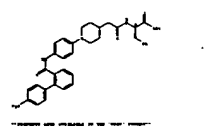


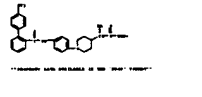


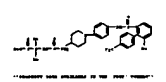


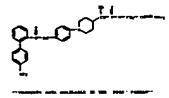


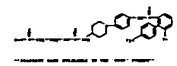


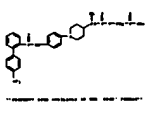


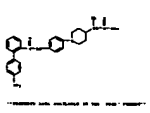


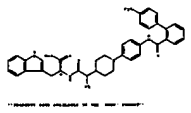


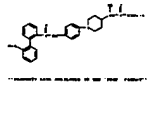


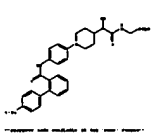


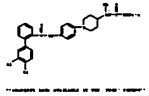


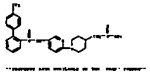


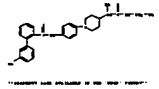


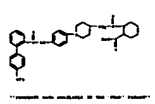


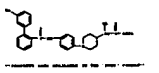


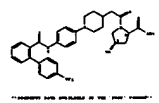


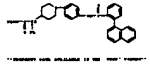


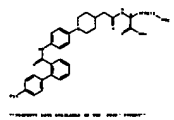


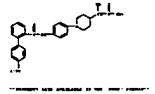


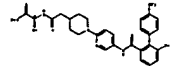


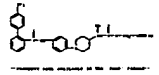


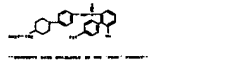


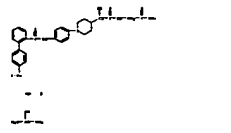


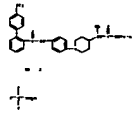


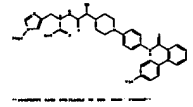


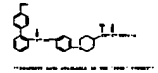


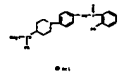


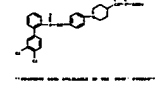


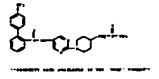


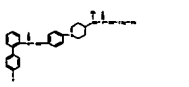


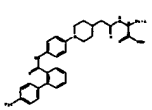


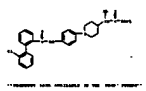


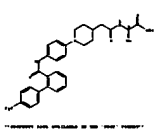


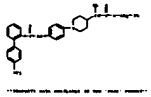


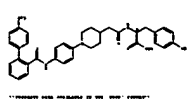


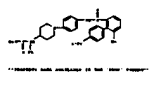


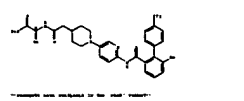


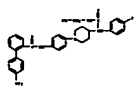


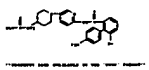


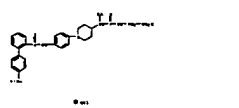


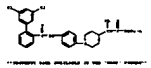


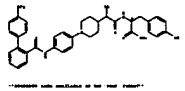


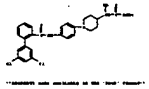


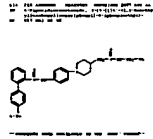


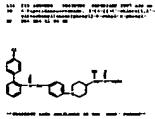


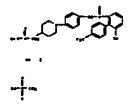


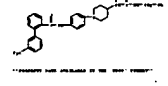


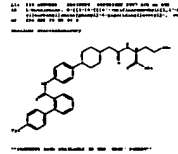


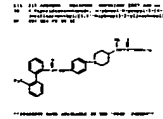


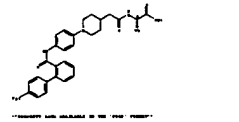


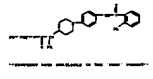


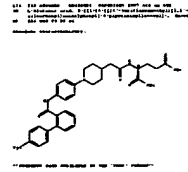


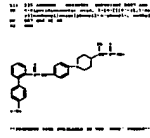


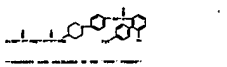


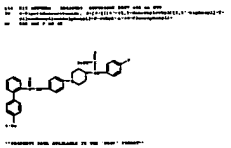


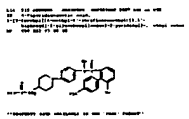


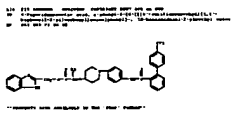


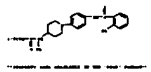


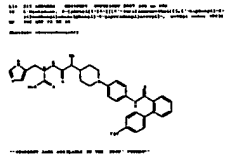


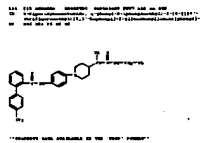


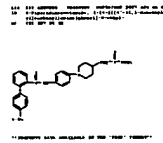


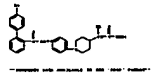


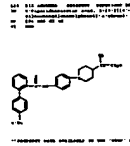


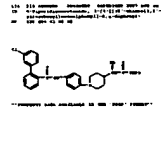


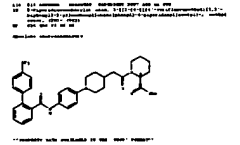


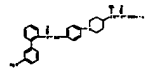


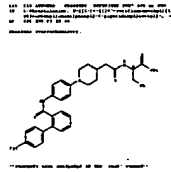


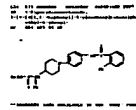


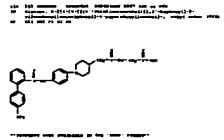


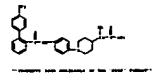


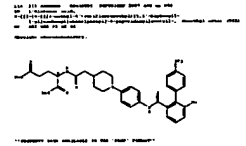


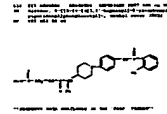


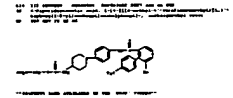


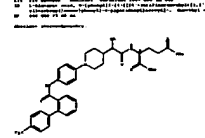


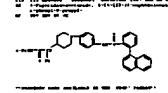


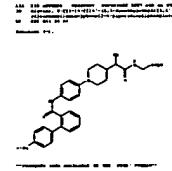


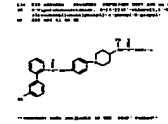


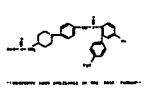


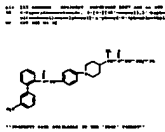


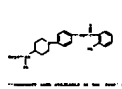


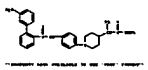


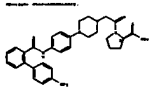


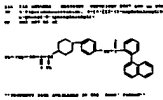


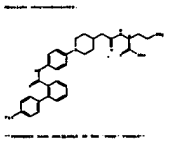


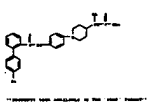


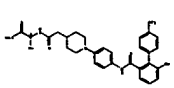


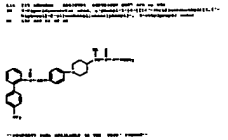


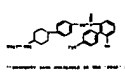


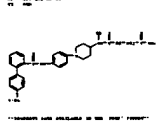


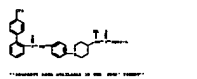


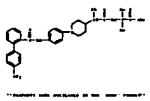


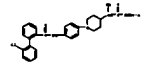


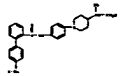


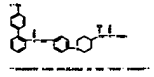


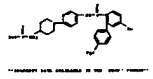


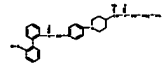


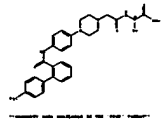


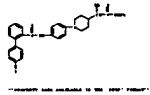


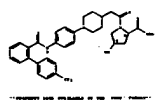


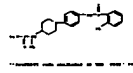


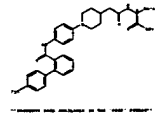


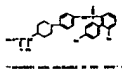


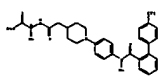


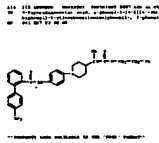


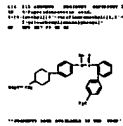


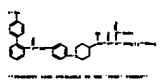


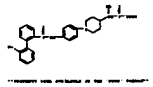


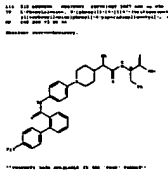


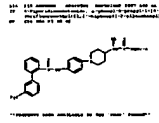


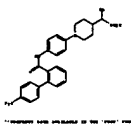


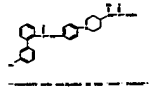


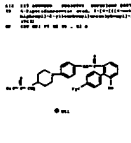


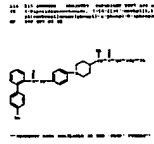


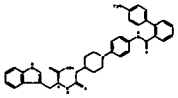


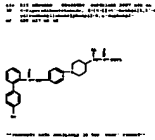


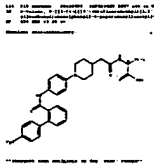


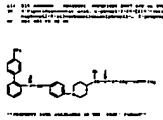


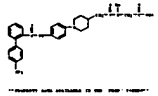


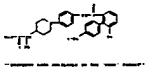


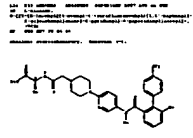


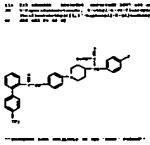


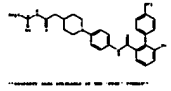


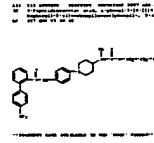


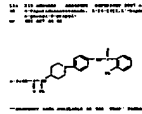


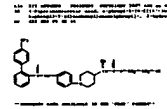


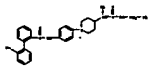


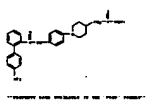


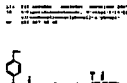


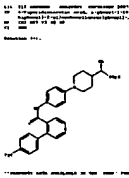


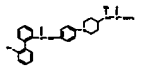


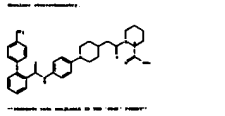


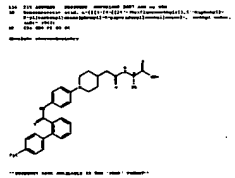


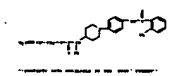


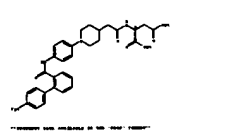


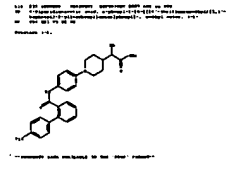


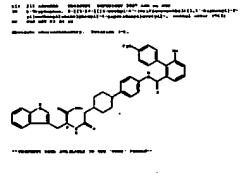


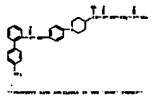


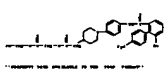


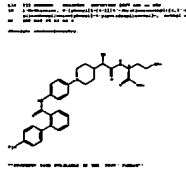


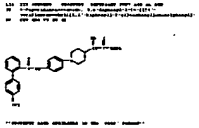


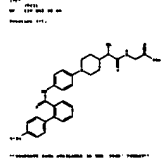


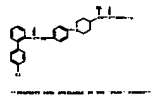


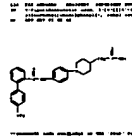


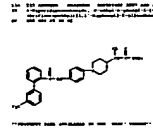


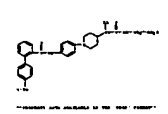


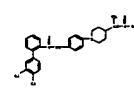


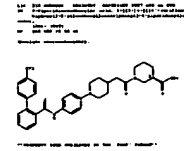


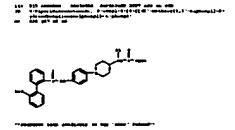


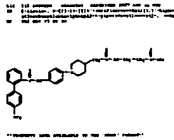


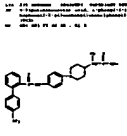


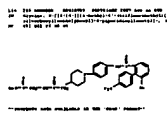


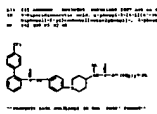


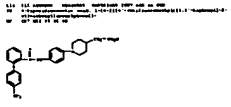


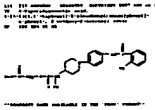


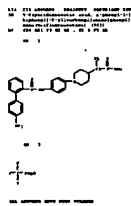




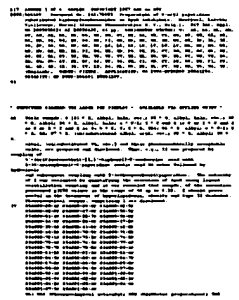


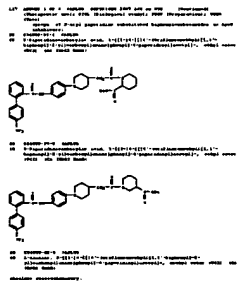


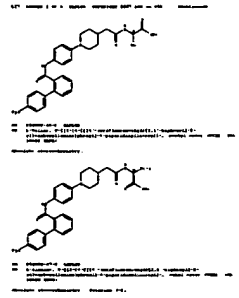


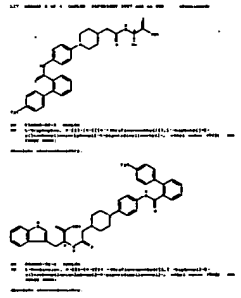


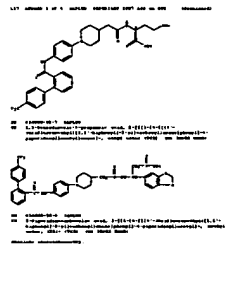

```
=> file caplus
FILE 'CAPLUS' ENTERED AT 18:22:33 ON 14 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN.  Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 14 Nov 2007  VOL 147 ISS 21
FILE LAST UPDATED: 13 Nov 2007  (20071113/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> d his

     (FILE 'HOME' ENTERED AT 18:10:05 ON 14 NOV 2007)

     FILE 'REGISTRY' ENTERED AT 18:10:17 ON 14 NOV 2007
L1             STRUCTURE UPLOADED
L2             QUE L1
L3           0 S L2
L4             STRUCTURE UPLOADED
L5             QUE L4
L6           0 S L4
L7             STRUCTURE UPLOADED
L8           0 S L6
L9             STRUCTURE UPLOADED
L10          0 S L9
L11            STRUCTURE UPLOADED
L12          0 S L11
L13            STRUCTURE UPLOADED
L14            STRUCTURE UPLOADED
L15          3 S L14
L16        215 S L14 FULL

     FILE 'CAPLUS' ENTERED AT 18:22:33 ON 14 NOV 2007

=> s l16
L17            4 L16

=> d chib abe hitstr 1-4
```

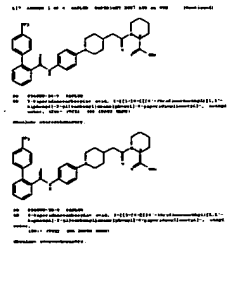



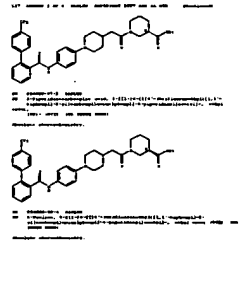


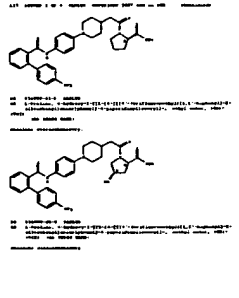


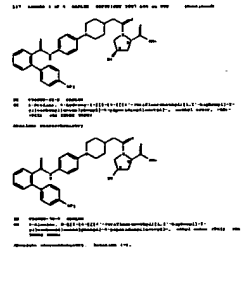


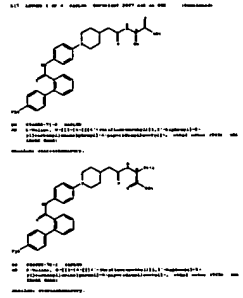


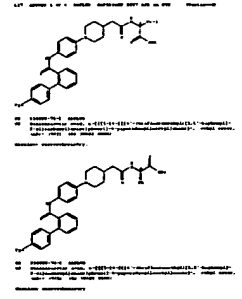


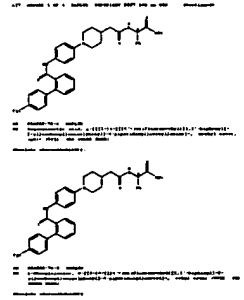


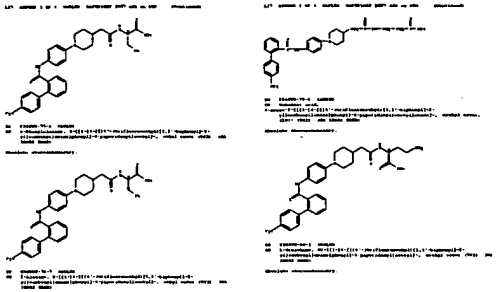


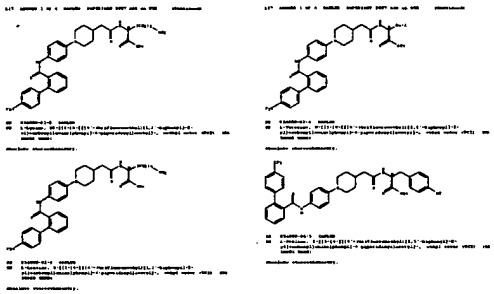


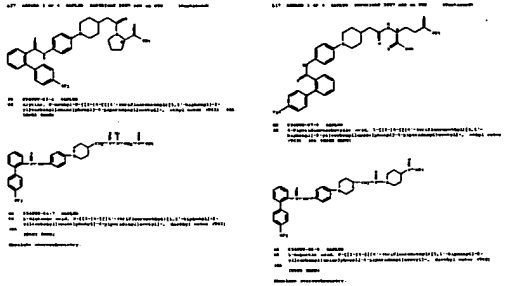


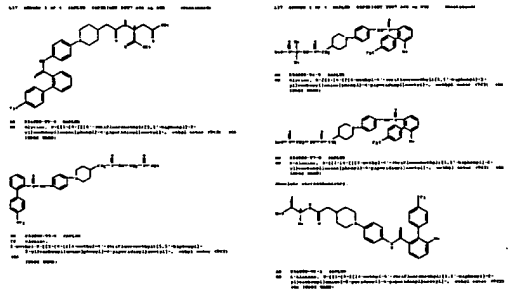


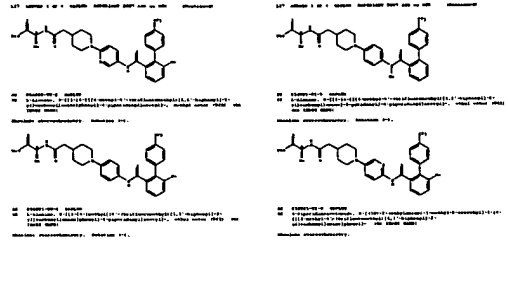


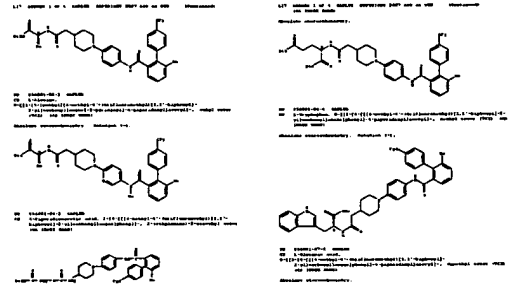


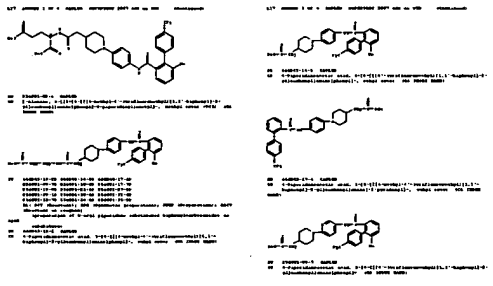


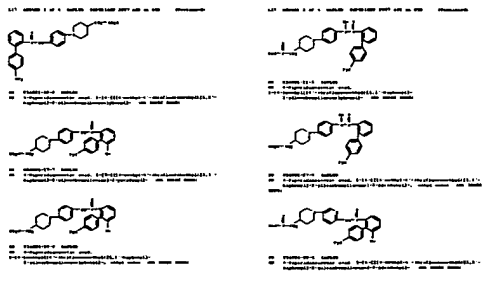


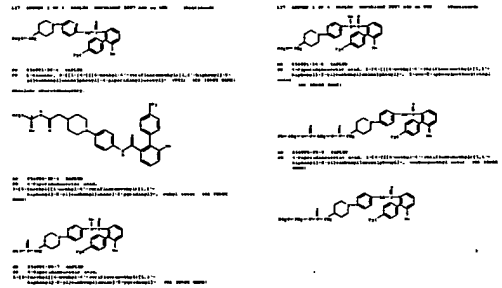


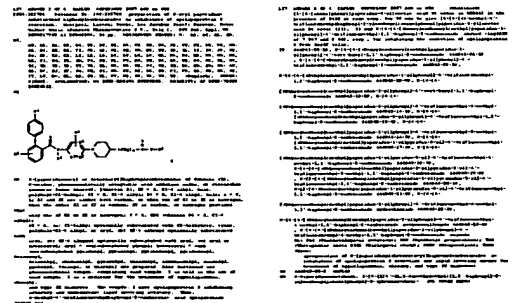


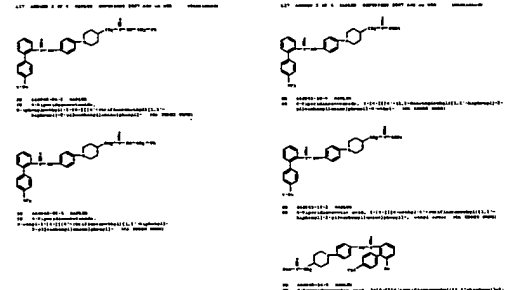


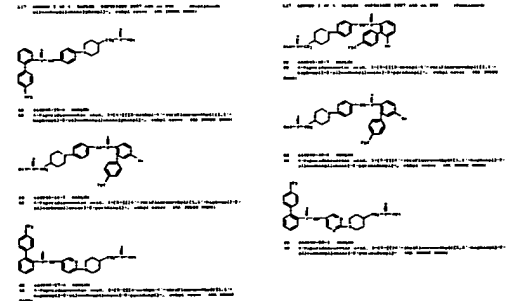


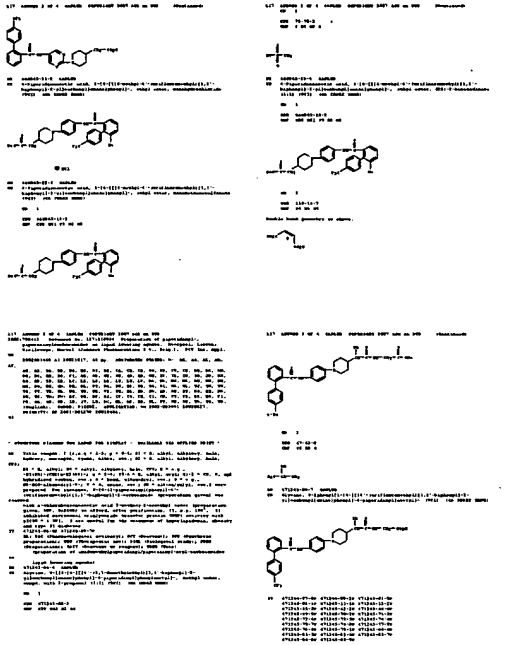


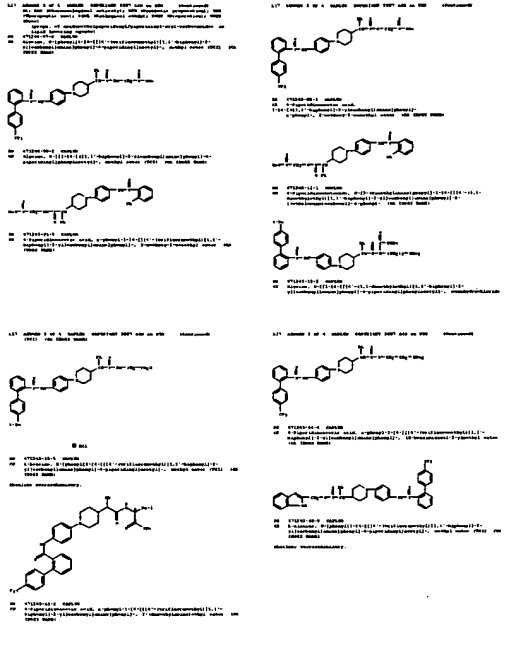


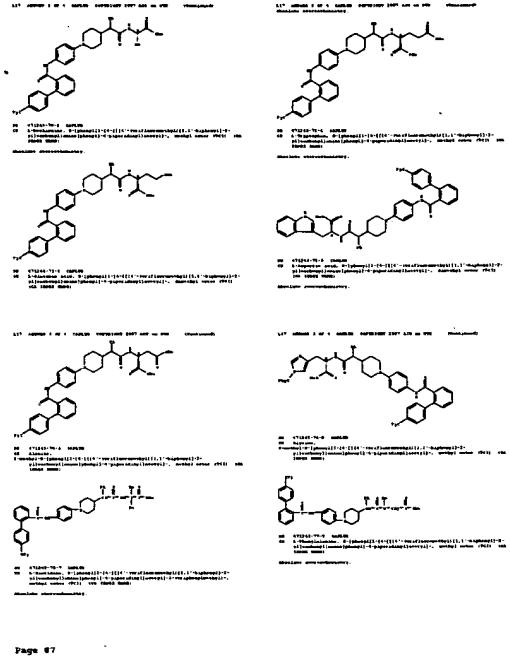


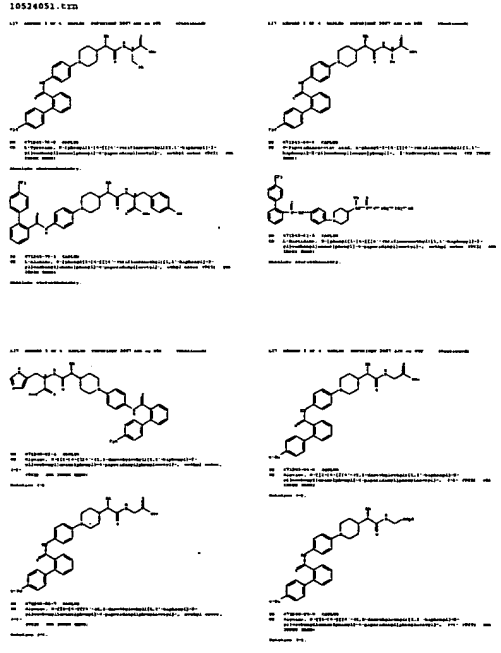


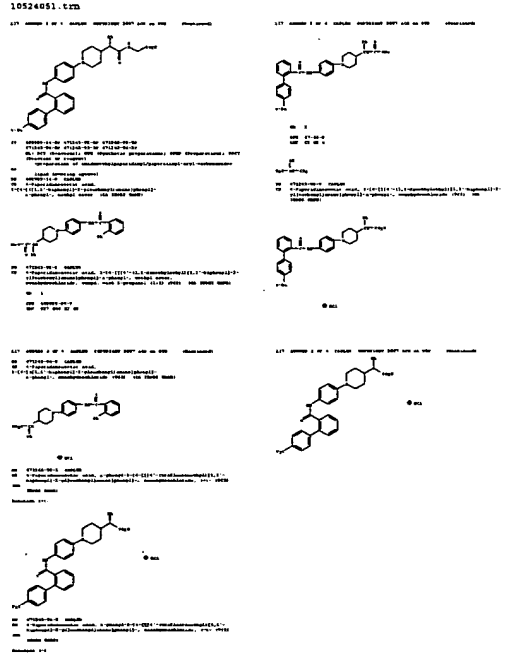


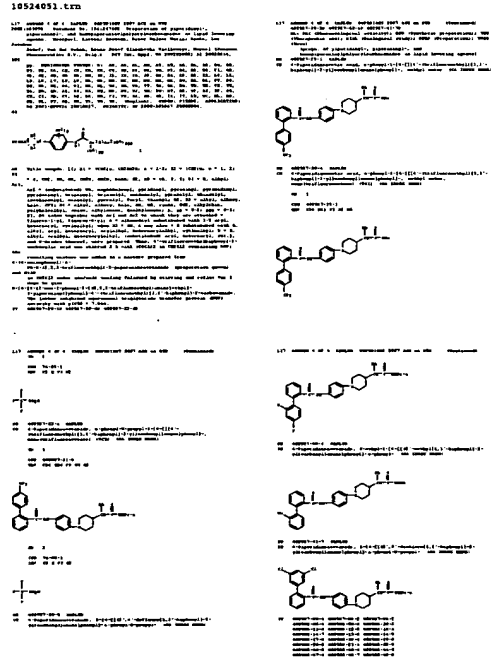


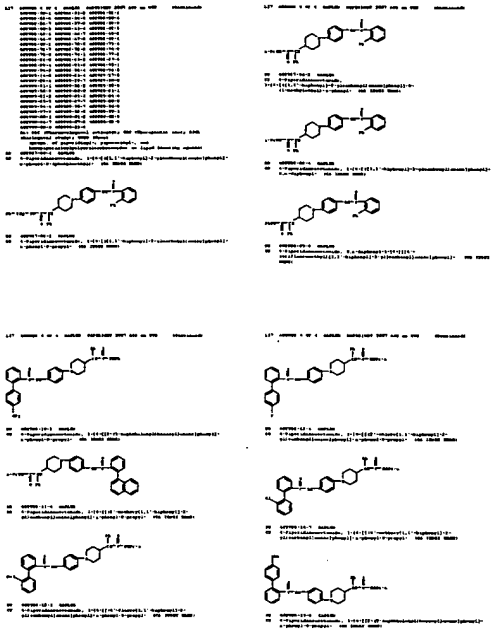


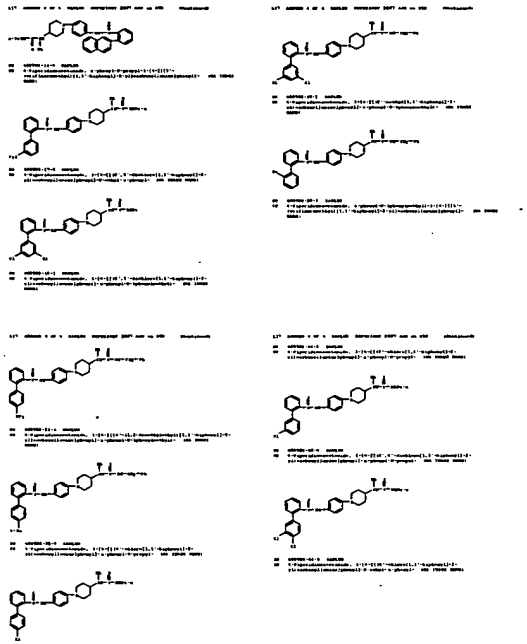


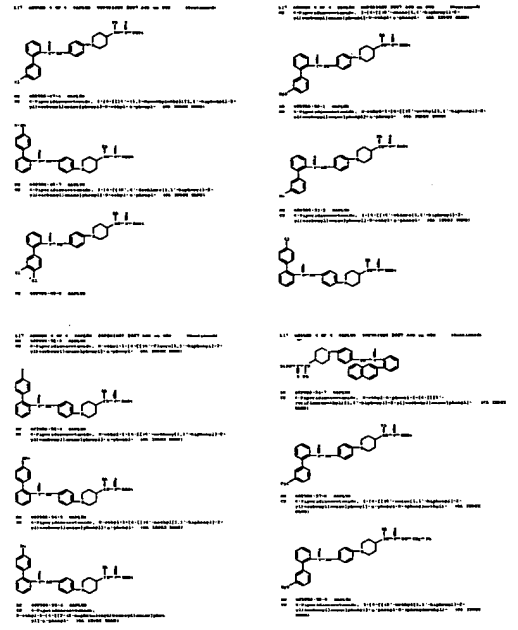


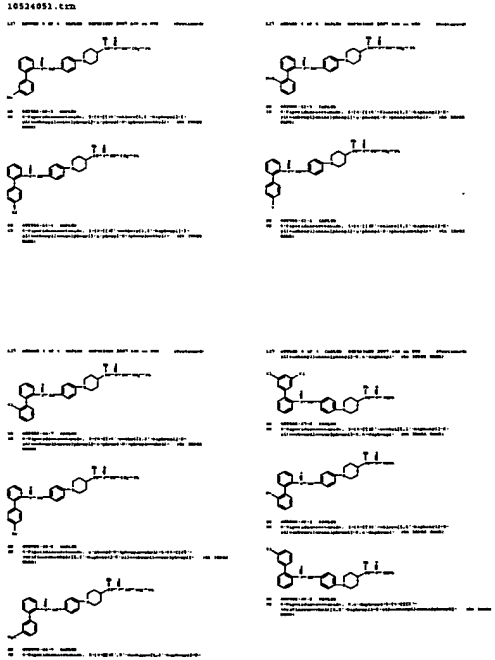


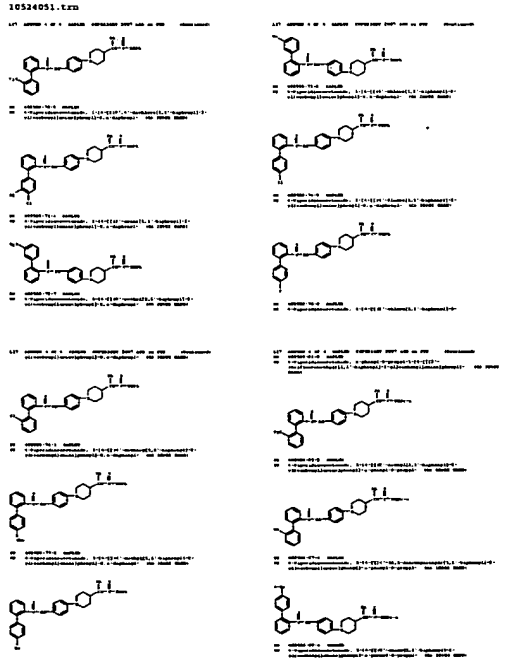


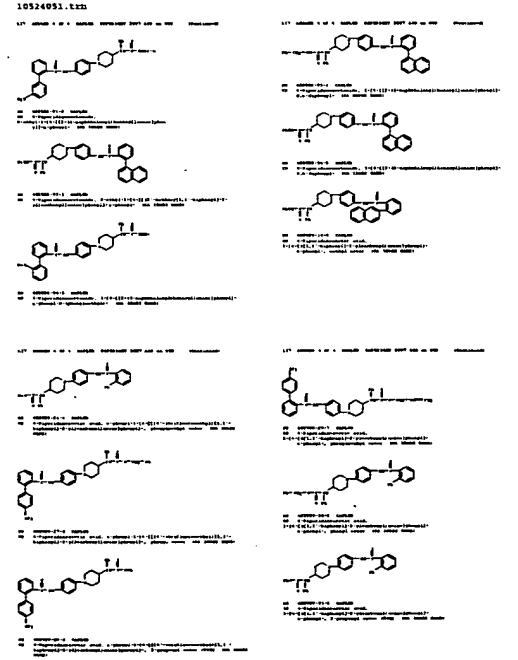


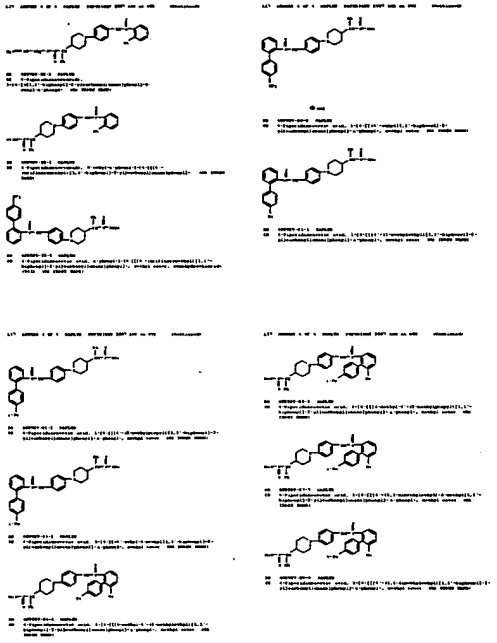


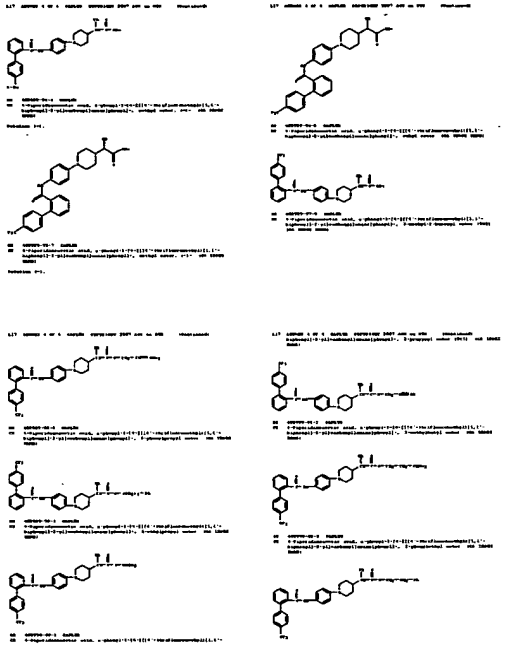


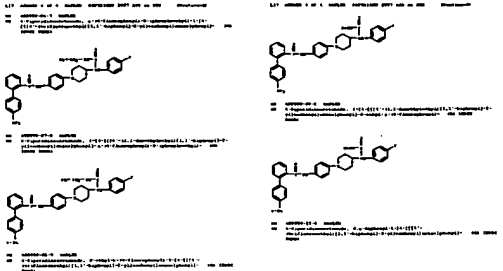








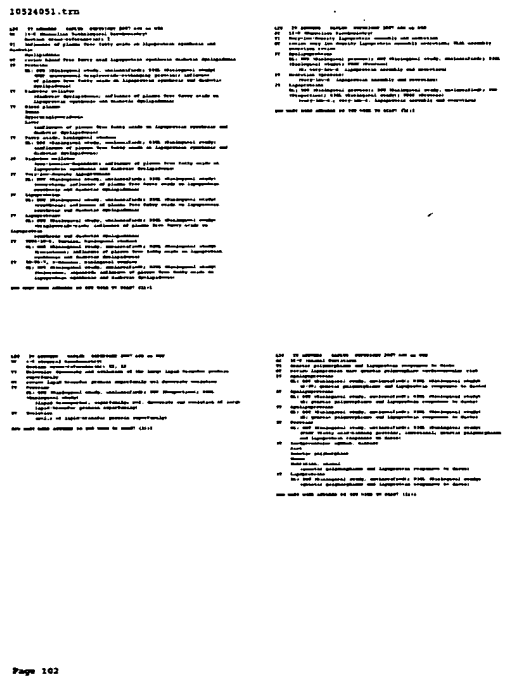


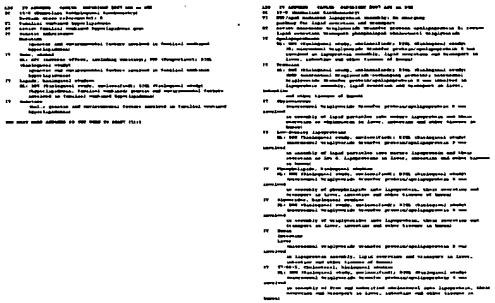


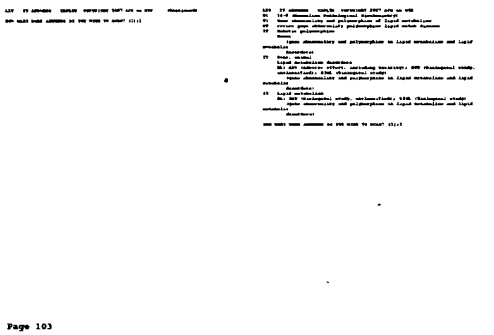

```
=> FIL STNGUIDE
FILE 'STNGUIDE' ENTERED AT 18:24:08 ON 14 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED:  Nov  9, 2007 (20071109/UP).

=>
=>
=> file reg
FILE 'REGISTRY' ENTERED AT 18:59:59 ON 14 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   13 NOV 2007  HIGHEST RN 953361-13-2
DICTIONARY FILE UPDATES:  13 NOV 2007  HIGHEST RN 953361-13-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> file caplus
FILE 'CAPLUS' ENTERED AT 19:00:03 ON 14 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)


Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN.  Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 14 Nov 2007  VOL 147 ISS 21
FILE LAST UPDATED: 13 Nov 2007  (20071113/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
```

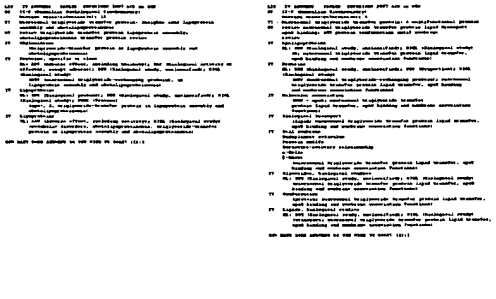


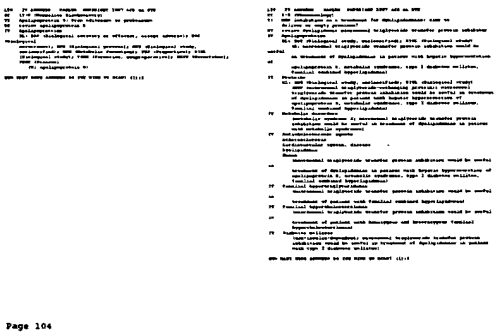
```
They are available for your review at:

http://www.cas.org/infopolicy.html

=> s ntp
          1620 NTP
            91 NTPS
L18       1683 NTP
                (NTP OR NTPS)

=> s l18 and apob
          4520 APOB
            19 APOBS
          4522 APOB
                (APOB OR APOBS)
L19          239 L18 AND APOB

=> s l19 and review/dt
       2086606 REVIEW/DT
L20          29 L19 AND REVIEW/DT

=> d scan
```

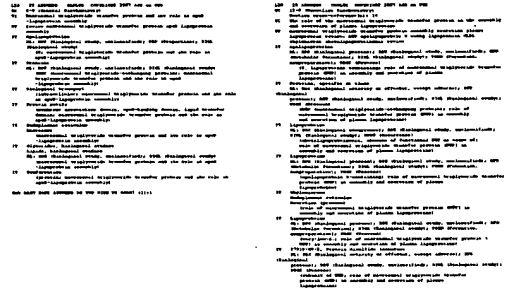



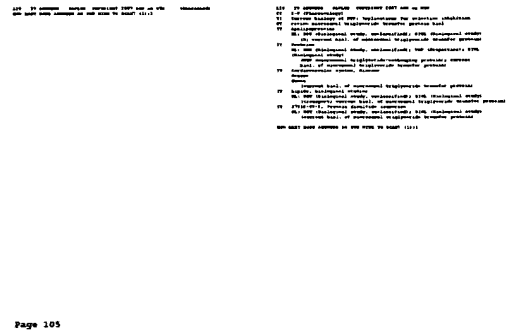


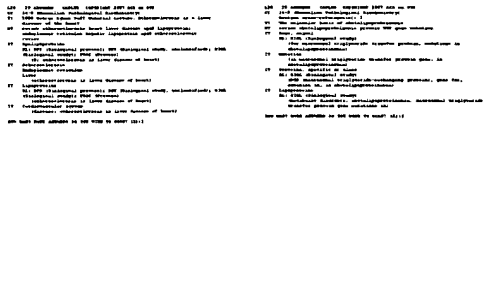


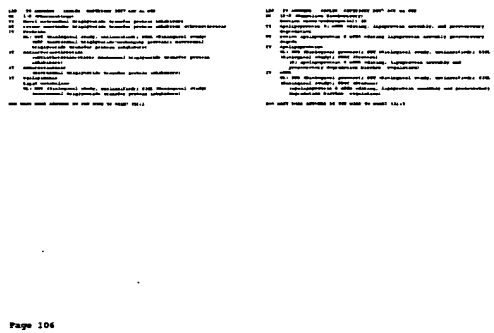


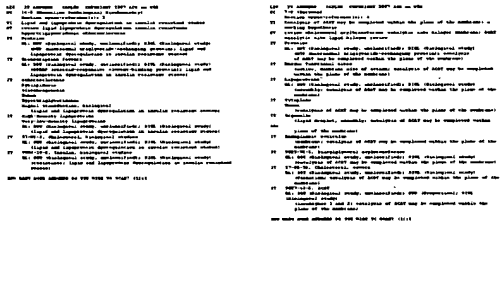


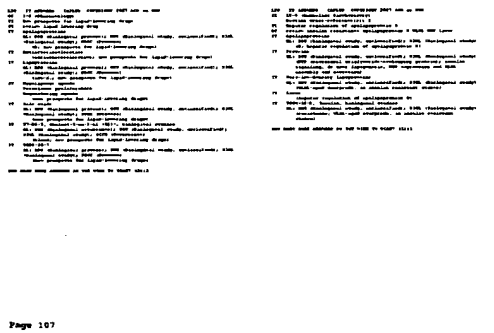


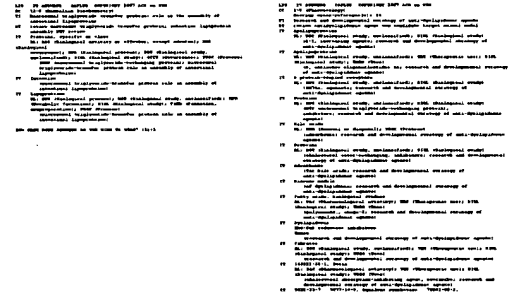


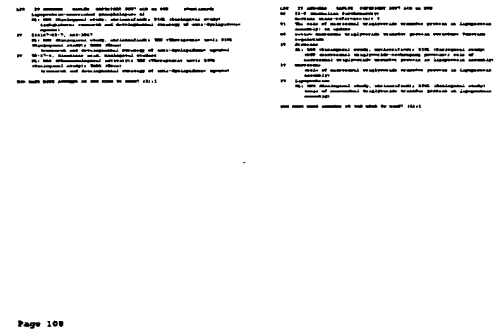


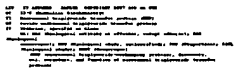




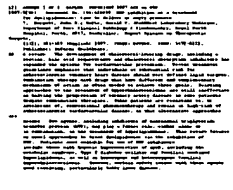




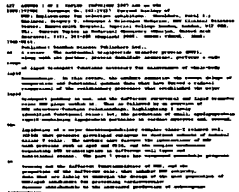




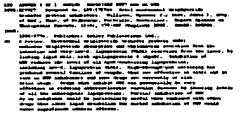

```
=> d his

     (FILE 'HOME' ENTERED AT 18:10:05 ON 14 NOV 2007)

     FILE 'REGISTRY' ENTERED AT 18:10:17 ON 14 NOV 2007
L1             STRUCTURE UPLOADED
L2             QUE L1
L3           0 S L1
L4             STRUCTURE UPLOADED
L5             QUE L4
L6           0 S L4
L7             STRUCTURE UPLOADED
L8           0 S L6
L9             STRUCTURE UPLOADED
L10          0 S L9
L11            STRUCTURE UPLOADED
L12          0 S L11
L13            STRUCTURE UPLOADED
L14            STRUCTURE UPLOADED
L15          1 S L14
L16        215 S L14 FULL

     FILE 'CAPLUS' ENTERED AT 18:22:33 ON 14 NOV 2007
L17          4 S L16

     FILE 'STNGUIDE' ENTERED AT 18:24:08 ON 14 NOV 2007

     FILE 'REGISTRY' ENTERED AT 18:59:59 ON 14 NOV 2007

     FILE 'CAPLUS' ENTERED AT 19:00:03 ON 14 NOV 2007
L18       1682 S NTP
L19        239 S L18 AND APOE
L20         29 S L19 AND REVIEW/DT

=> s l20 and "empty promise"/ti
          1237 "EMPTY"/TI
             8 "EMPTIES"/TI
          1245 "EMPTY"/TI
                 (("EMPTY" OR "EMPTIES")/TI)
          1162 "PROMISE"/TI
           473 "PROMISES"/TI
          1633 "PROMISE"/TI
                 (("PROMISE" OR "PROMISES")/TI)
             3 "EMPTY PROMISE"/TI
                 (("EMPTY"(W)"PROMISE")/TI)
L21          1 L20 AND "EMPTY PROMISE"/TI

=> d l21 chib abs
```

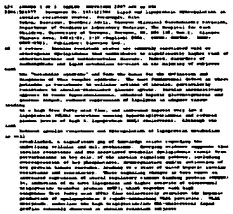

```
=> s l20 and "current biology"/ti
        112750 "CURRENT"/TI
         19266 "CURRENTS"/TI
        131668 "CURRENT"/TI
                 (("CURRENT" OR "CURRENTS")/TI)
         29293 "BIOLOGY"/TI
             5 "BIOLOGIES"/TI
         29298 "BIOLOGY"/TI
                 (("BIOLOGY" OR "BIOLOGIES")/TI)
            27 "CURRENT BIOLOGY"/TI
                 (("CURRENT"(W)"BIOLOGY")/TI)
L22          1 L20 AND "CURRENT BIOLOGY"/TI

=> d chib abs
```

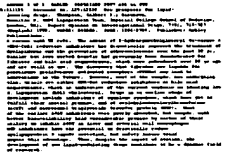
```
=> s l20 and "novel"/ti
        219876 "NOVEL"/TI
             5 "NOVELS"/TI
        219881 "NOVEL"/TI
                 (("NOVEL" OR "NOVELS")/TI)
L23           1 L20 AND "NOVEL"/TI

=> d cbib abs
```


```
=> s l20 and "insulin resistant states"/ti
         85264 "INSULIN"/TI
           436 "INSULINS"/TI
         85598 "INSULIN"/TI
                 (("INSULIN" OR "INSULINS")/TI)
        152475 "RESISTANT"/TI
            13 "RESISTANTS"/TI
        152487 "RESISTANT"/TI
                 (("RESISTANT" OR "RESISTANTS")/TI)
        108058 "STATES"/TI
            42 "INSULIN RESISTANT STATES"/TI
                 (("INSULIN"(W)"RESISTANT"(W)"STATES")/TI)
L24           1 L20 AND "INSULIN RESISTANT STATES"/TI

=> d cbib abs
```

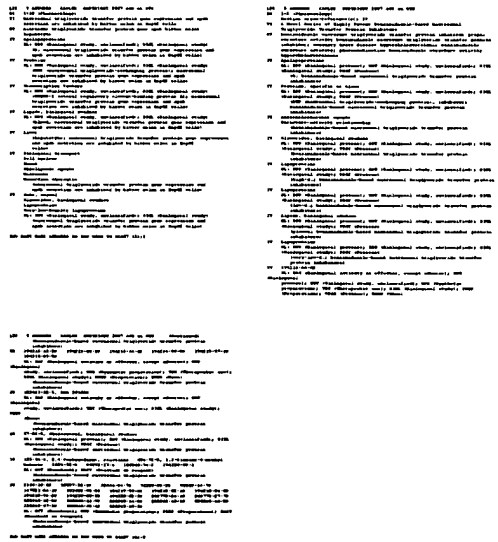

```
=> s l20 and "lipid-lowering drugs"/ti
         79633 "LIPID"/TI
         32615 "LIPIDS"/TI
        110861 "LIPID"/TI
                 (("LIPID" OR "LIPIDS")/TI)
          8327 "LOWERING"/TI
            10 "LOWERINGS"/TI
          8337 "LOWERING"/TI
                 (("LOWERING" OR "LOWERINGS")/TI)
         84253 "DRUGS"/TI
           119 "LIPID-LOWERING DRUGS"/TI
                 (("LIPID"(W)"LOWERING"(W)"DRUGS")/TI)
L25           1 L20 AND "LIPID-LOWERING DRUGS"/TI

=> d cbib abs
```

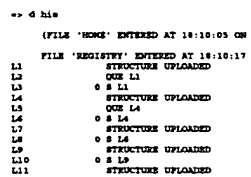
```
=> s l20 and "antidyslipidemic agents"/ti
            0 "ANTIDYSLIPIDEMIC"/TI
       154270 "AGENTS"/TI
            1 "AGENTSES"/TI
       154271 "AGENTS"/TI
                (("AGENTS" OR "AGENTSES")/TI)
            3 "ANTIDYSLIPIDEMIC AGENTS"/TI
                (("ANTIDYSLIPIDEMIC"(W)"AGENTS")/TI)
L26         0 L20 AND "ANTIDYSLIPIDEMIC AGENTS"/TI

=> s l20 and "anti dyslipidemic agents"/ti
        86301 "ANTI"/TI
            2 "ANTIS"/TI
        86303 "ANTI"/TI
                (("ANTI" OR "ANTIS")/TI)
          132 "DYSLIPIDEMIC"/TI
       154270 "AGENTS"/TI
            1 "AGENTSES"/TI
       154271 "AGENTS"/TI
                (("AGENTS" OR "AGENTSES")/TI)
            2 "ANTI DYSLIPIDEMIC AGENTS"/TI
                (("ANTI"(W)"DYSLIPIDEMIC"(W)"AGENTS")/TI)
L27         1 L20 AND "ANTI DYSLIPIDEMIC AGENTS"/TI

=> d chib abs
```



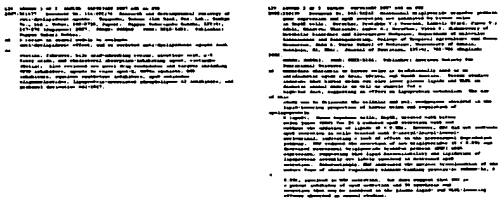
```
=> d his

     (FILE 'HOME' ENTERED AT 18:10:05 ON 14 NOV 2007)

     FILE 'REGISTRY' ENTERED AT 18:10:17 ON 14 NOV 2007
L1             STRUCTURE UPLOADED
L2             QUE L1
L3           0 S L1
L4             STRUCTURE UPLOADED
L5             QUE L4
L6           0 S L4
L7             STRUCTURE UPLOADED
L8           0 S L6
L9             STRUCTURE UPLOADED
L10          0 S L9
L11            STRUCTURE UPLOADED
L12          0 S L11
L13            STRUCTURE UPLOADED
L14            STRUCTURE UPLOADED
L15          1 S L14
L16        215 S L14 FULL

     FILE 'CAPLUS' ENTERED AT 18:22:33 ON 14 NOV 2007
L17          4 S L16

     FILE 'STNGUIDE' ENTERED AT 18:24:08 ON 14 NOV 2007

     FILE 'REGISTRY' ENTERED AT 18:59:59 ON 14 NOV 2007

     FILE 'CAPLUS' ENTERED AT 19:00:03 ON 14 NOV 2007
L18       1682 S NTP
L19        239 S L18 AND APOB
L20         29 S L19 AND REVIEW/DT
L21          1 S L20 AND "EMPTY PROMISE"/TI
L22          1 S L20 AND "CURRENT BIOLOGY"/TI
L23          1 S L20 AND "NOVEL"/TI
L24          1 S L20 AND "INSULIN RESISTANT STATES"/TI
L25          1 S L20 AND "LIPID-LOWERING DRUGS"/TI
L26          0 S L20 AND "ANTIDYSLIPIDEMIC AGENTS"/TI
L27          1 S L20 AND "ANTI DYSLIPIDEMIC AGENTS"/TI

=> s l19 and animal models
     1405334 ANIMAL
      475026 ANIMALS
     1754107 ANIMAL
                (ANIMAL OR ANIMALS)
      532006 MODELS
       30558 ANIMAL MODELS
                (ANIMAL(W)MODELS)
L28          5 L19 AND ANIMAL MODELS

=> d scan
```

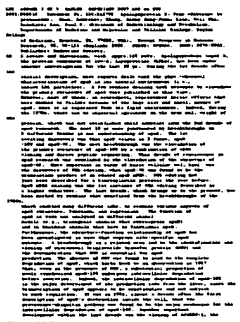



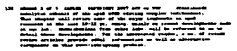

```
=> d chib abs
```

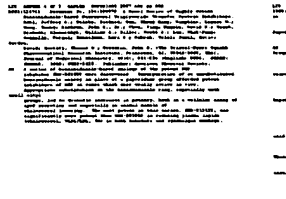



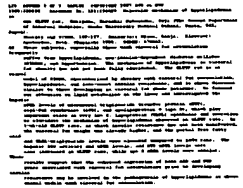
=> d chib abe 1-5











=>
=>
Executing the logoff script...

=> LOG H

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	98.73	306.13

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-9.36	-12.48

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 19:29:05 CM 14 NOV 2007

Connecting via Winsock to STN

Welcome to STN International: Enter x:X

LOGINID:SSPTAUKO1625

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	JUL 02	LAKDLINE coverage updated
NEWS 3	JUL 02	SCISEARCH enhanced with complete author names
NEWS 4	JUL 02	CHEMCATS accession numbers revised
NEWS 5	JUL 02	CA/CAplus enhanced with utility model patents from China
NEWS 6	JUL 16	CAplus enhanced with French and German abstracts
NEWS 7	JUL 18	CA/CAplus patent coverage enhanced
NEWS 8	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 9	JUL 30	USGENE now available on STN
NEWS 10	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS 11	AUG 06	FSTA enhanced with new thesaurus edition
NEWS 12	AUG 13	CA/CAplus enhanced with additional kind codes for granted patents
NEWS 13	AUG 20	CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS 14	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 15	AUG 27	USPATOLD now available on STN
NEWS 16	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS 17	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 18	SEP 13	PCTFULL renamed to WOFIS
NEWS 19	SEP 13	INPADOCDB enhanced with monthly SDI frequency

NEWS 20	SEP 17	CA/CAplus enhanced with printed CA page images from 1967-1998
NEWS 21	SEP 17	CAplus coverage extended to include traditional medicine patents
NEWS 22	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 23	OCT 02	CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS 24	OCT 19	BEILSTEIN updated with new compounds
NEWS 25	NOV 15	Derwent Indian patent publication number format enhanced

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer Agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 11:18:00 CM 15 NOV 2007

=> file reg
FILE 'REGISTRY' ENTERED AT 11:18:19 CM 15 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 NOV 2007 HIGHEST RN 953817-57-7
DICTIONARY FILE UPDATES: 14 NOV 2007 HIGHEST RN 953817-57-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

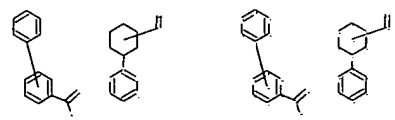
TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\10524051desalkyl.str



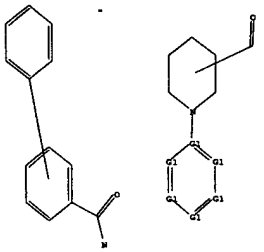
chain nodes :
28 32
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 15 16 17 18 19 20 21 22 23 24 25 26
ring/chain nodes :
29 30 31
chain bonds :
1-7 20-28 28-29 28-30 31-32
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 15-16 15-20 16-17 17-18 18-19 19-20 21-22 21-26 22-23 23-24 24-25 25-26
exact/norm bonds :
1-2 1-6 1-7 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 20-28 28-29 28-30 31-32
normalized bonds :
15-16 15-20 16-17 17-18 18-19 19-20 21-22 21-26 22-23 23-24 24-25 25-26

G1:C,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:Atom

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 C,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 11:10:39 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 43915 TO ITERATE

4.6% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 865786 TO 890814
PROJECTED ANSWERS: 0 TO 0

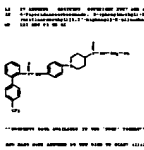
L2 0 SEA SSS SAM L1

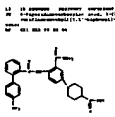
=> s l1 full
FULL SEARCH INITIATED 11:10:48 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 881824 TO ITERATE

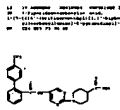
100.00 PROCESSED 881824 ITERATIONS 19 ANSWERS
SEARCH TIME: 00.00.03

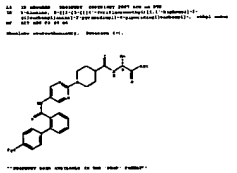
L3 19 SEA SSS FUL L1

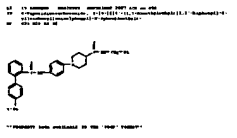
=> d scan

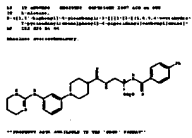


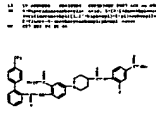


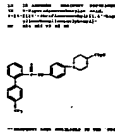


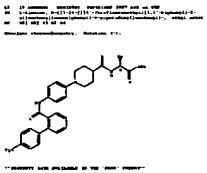


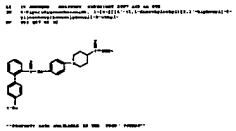


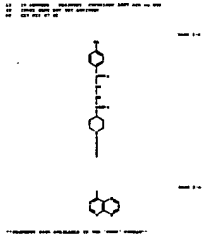


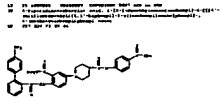


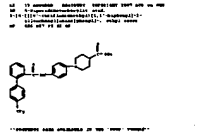


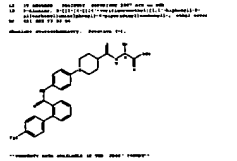


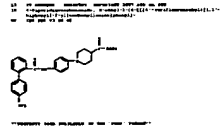


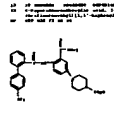


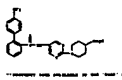


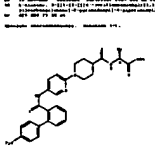


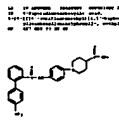








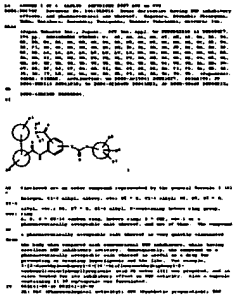


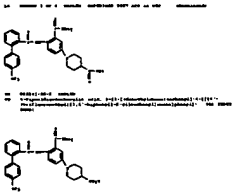


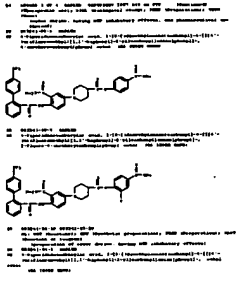

```
=> file caplus
FILE 'CAPLUS' ENTERED AT 11:19:14 ON 15 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)
```

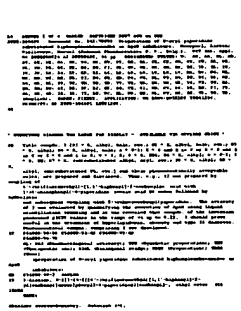


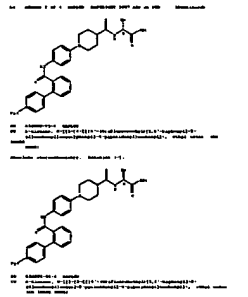
```
FILE COVERS 1907 - 15 Nov 2007  VOL 147 ISS 21
FILE LAST UPDATED: 14 Nov 2007  (20071114/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> d his

     (FILE 'HOME' ENTERED AT 11:18:00 ON 15 NOV 2007)

     FILE 'REGISTRY' ENTERED AT 11:18:19 ON 15 NOV 2007
L1             STRUCTURE UPLOADED
L2             0 S L1
L3            19 S L1 FULL

     FILE 'CAPLUS' ENTERED AT 11:19:14 ON 15 NOV 2007

=> s l3
L4             4 L3

=> d chib abs hitstr 1-4
```

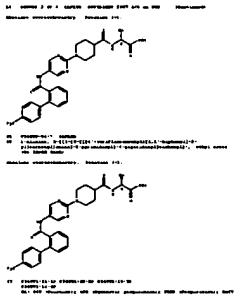



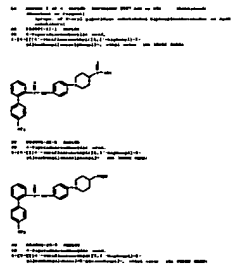


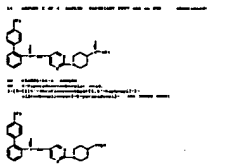


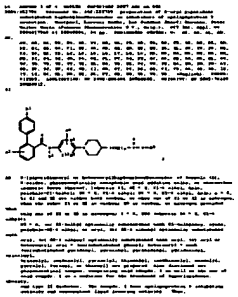


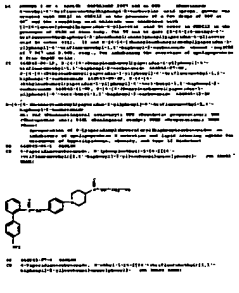


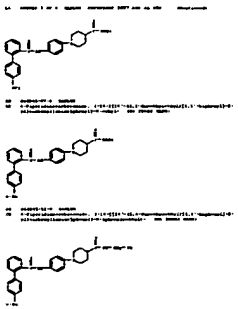


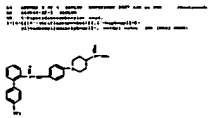


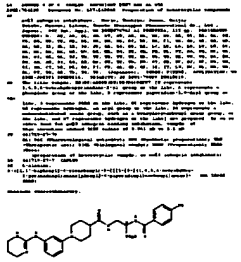












=>
Uploading C:\Program Files\Stnexp\Queries\10524051chvs.str

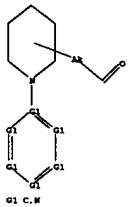
chain nodes :
1 2
ring nodes :
4 5 6 7 8 9 11 12 13 14 15 16
ring/chain nodes :
3
chain bonds :
1-2 2-3 4-11
ring bonds :
4-5 4-9 5-6 6-7 7-8 8-9 11-16 11-12 12-13 13-14 14-15 15-16
exact/norm bonds :
1-2 2-3 4-5 4-9 4-11 5-6 6-7 7-8 8-9 11-16 11-12 12-13 13-14 14-15
15-16

G1:C,N

Match level :
1:CLASS 2:CLASS 3:CLASS 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom

L5 STRUCTURE UPLOADED

=> d l5
L5 HAS NO ANSWERS
L5 STR



G1 C,N

Structure attributes must be viewed using STN Express query preparation.

=> s l5
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or PHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 11:22:28 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 199885 TO ITERATE

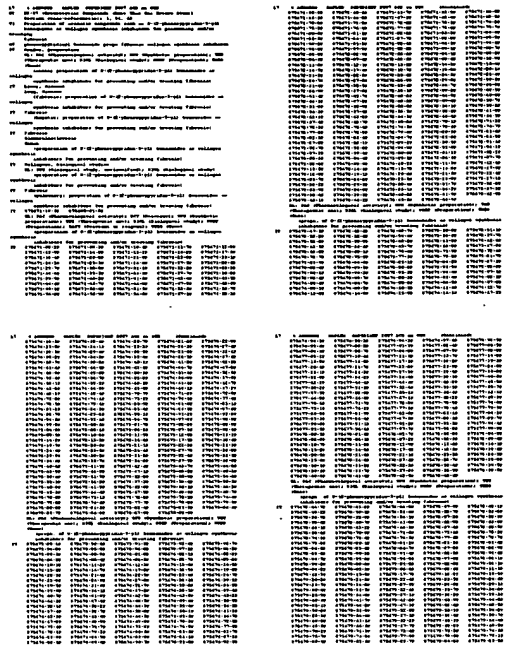
1.0% PROCESSED 2000 ITERATIONS 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

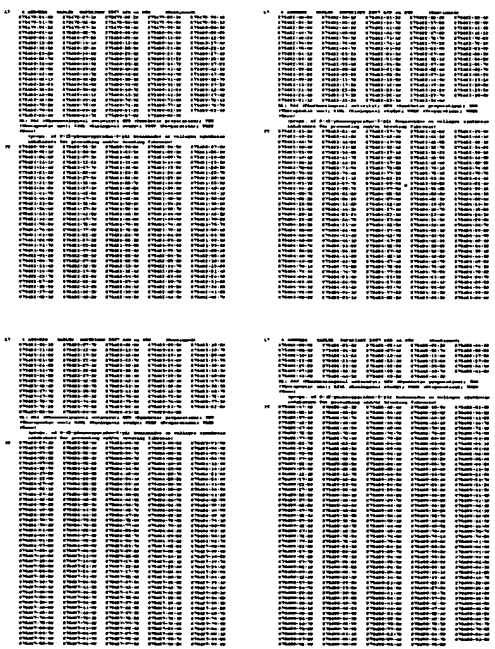
FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 3971458 TO 4023942
PROJECTED ANSWERS: 3149 TO 4845

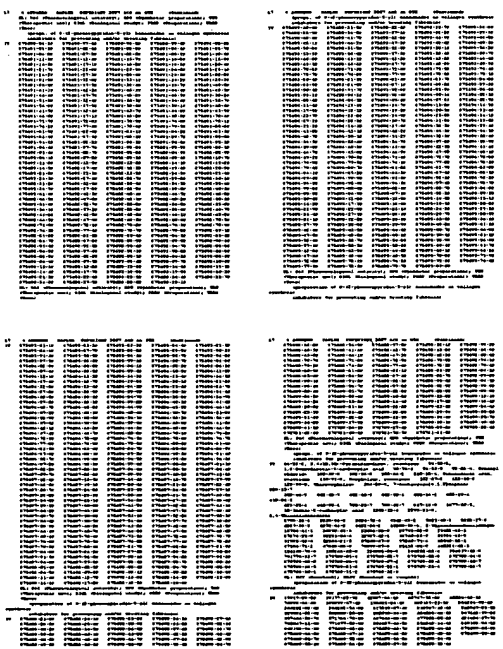
L6 2 SEA SSS SAM L5

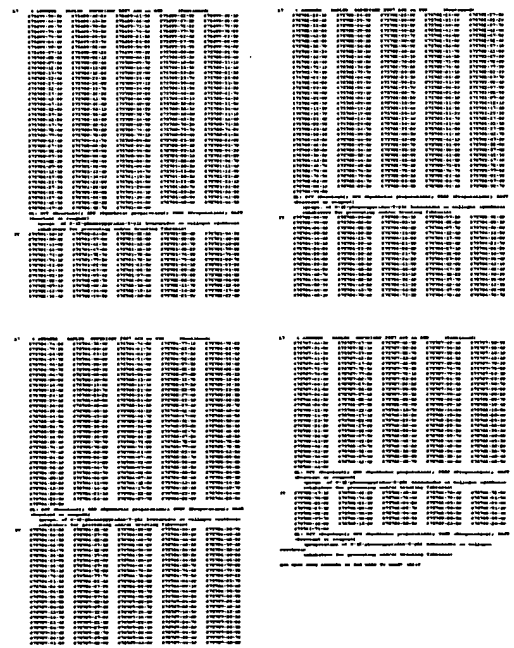
L7 4 L6

=> d scan









```
=> file reg
FILE 'REGISTRY' ENTERED AT 11:22:50 ON 15 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:  14 NOV 2007  HIGHEST RN 953817-57-7
DICTIONARY FILE UPDATES:  14 NOV 2007  HIGHEST RN 953817-57-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> d his

     (FILE 'HOME' ENTERED AT 11:18:00 ON 15 NOV 2007)

     FILE 'REGISTRY' ENTERED AT 11:18:19 ON 15 NOV 2007
L1                STRUCTURE UPLOADED
L2              0 S L1
L3             19 S L1 FULL

     FILE 'CAPLUS' ENTERED AT 11:19:14 ON 15 NOV 2007
L4              4 S L3
L5                STRUCTURE UPLOADED
                  8 S L5

     FILE 'REGISTRY' ENTERED AT 11:22:27 ON 15 NOV 2007
L6              2 S L5

     FILE 'CAPLUS' ENTERED AT 11:22:28 ON 15 NOV 2007
L7              4 S L6

     FILE 'REGISTRY' ENTERED AT 11:22:50 ON 15 NOV 2007

=> s l5
SAMPLE SEARCH INITIATED 11:22:59 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   199885 TO ITERATE

  1.0% PROCESSED     2000 ITERATIONS                                 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
```



```
                    BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:      3971458 TO  4023942
PROJECTED ANSWERS:            1149 TO     4845

L8             2 SEA SSS SAM L5

=> d scan
```



```
=> FIL STNGUIDE
FILE 'STNGUIDE' ENTERED AT 11:23:19 ON 15 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov  9, 2007 (20071109/UP).

=>
=>
Connecting via Winsock to STN



Welcome to STN International:  Enter x:X

LOGINID:SSPTADEO1625

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * * *  Welcome to STN International  * * * * * * * * * *

 NEWS  1      Web Page for STN Seminar Schedule - N. America
 NEWS  2  JUL 02  LAKEDLINE coverage updated
 NEWS  3  JUL 02  ACISEARCH enhanced with complete author names
 NEWS  4  JUL 02  CHEMCATS accession numbers revised
 NEWS  5  JUL 02  CA/CAplus enhanced with utility model patents from China
 NEWS  6  JUL 16  CAplus enhanced with French and German abstracts
 NEWS  7  JUL 18  CA/CAplus patent coverage enhanced
 NEWS  8  JUL 26  USPATFULL/USPAT2 enhanced with IPC reclassification
 NEWS  9  JUL 30  USGENE now available on STN
 NEWS 10  AUG 06  CAS REGISTRY enhanced with new experimental property tags
 NEWS 11  AUG 06  FSTA enhanced with new thesaurus edition
 NEWS 12  AUG 13  CA/CAplus enhanced with additional kind codes for granted
                  patents
 NEWS 13  AUG 20  CA/CAplus enhanced with CAS indexing in pre-1907 records
 NEWS 14  AUG 27  Full-text patent databases enhanced with predefined
                  patent family display formats from INPADOCDB
 NEWS 15  AUG 27  USPATOLD now available on STN
 NEWS 16  AUG 28  CAS REGISTRY enhanced with additional experimental
                  spectral property data
 NEWS 17  SEP 07  STN AnaVist, Version 2.0, now available with Derwent
                  World Patents Index
 NEWS 18  SEP 13  FORIS renamed to SOFIS
 NEWS 19  SEP 13  INPADOCDB enhanced with monthly SDI frequency
 NEWS 20  SEP 17  CA/CAplus enhanced with printed CA page images from
                  1967-1998
 NEWS 21  SEP 17  CAplus coverage extended to include traditional medicine
                  patents
 NEWS 22  SEP 24  EMBASE, EMBAL, and LEMBASE reloaded with enhancements
 NEWS 23  OCT 02  CA/CAplus enhanced with pre-1907 records from Chemisches
                  Zentralblatt
 NEWS 24  OCT 19  BEILSTEIN updated with new compounds
 NEWS 25  NOV 15  Derwent Indian patent publication number format enhanced
```



```
 NEWS EXPRESS  19 SEPTEMBER 2007:  CURRENT WINDOWS VERSION IS V8.2,
               CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:48:27 ON 15 NOV 2007

=> ....Testing the current file.... screen

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Please change to a suitable file and repeat your upload

Some commands only work in certain files.  For example, the EXPAND
command can only be used to look at the index in a file which has an
index.  Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> file reg
FILE 'REGISTRY' ENTERED AT 13:48:53 ON 15 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:  14 NOV 2007  HIGHEST RN 953817-57-7
DICTIONARY FILE UPDATES:  14 NOV 2007  HIGHEST RN 953817-57-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:
```



```
http://www.cas.org/support/stngen/stndoc/properties.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end


=> screen 1993

L1     SCREEN CREATED

=>
Uploading C:\Program Files\Stnexp\Queries\10524051sm.str
```

```
chain nodes :
10
ring nodes :
1  2  3  4  5  6
ring/chain nodes :
7
chain bonds :
1-10  4-7
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
1-2  1-6  1-10  2-3  3-4  4-5  4-7  5-6
```

G1:C,N

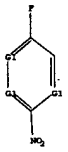
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 10:Atom

L2 STRUCTURE UPLOADED

=> que L2 AND L1

L3 QUE L2 AND L1

=> d l2
L2 HAS NO ANSWERS
L2 STR



G1 C,N

Structure attributes must be viewed using STN Express query preparation.

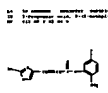
=> s l3
SAMPLE SEARCH INITIATED 13:48:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1229 TO ITERATE

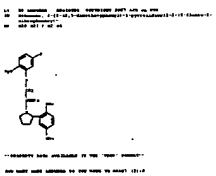
100.0% PROCESSED 1229 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 22477 TO 26683
PROJECTED ANSWERS: 5136 TO 7234

L4 50 SEA SSS SAM L2 AND L1

=> d scan





=> d his

(FILE 'HOME' ENTERED AT 13:48:27 ON 15 NOV 2007)

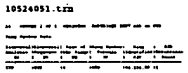
FILE 'REGISTRY' ENTERED AT 13:48:52 ON 15 NOV 2007
L1 SCREEN 1993
L2 STRUCTURE UPLOADED
L3 QUE L2 AND L1
L4 50 S L3

=> s pyrimidine/cn
L5 1 PYRIMIDINE/CN

=> d l5 rad

=> s pyridine/cn
L6 1 PYRIDINE/CN

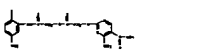
=> d l6 rad

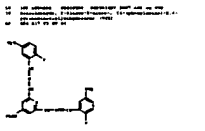



```
=> s pyrazine/cn
L7              1 PYRAZINE/CN

=> d l7 rad
```

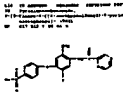


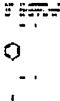
```
=> d his

     (FILE 'HOME' ENTERED AT 13:48:27 ON 15 NOV 2007)

     FILE 'REGISTRY' ENTERED AT 13:48:52 CON 15 NOV 2007
L1                SCREEN 1993
L2                STRUCTURE UPLOADED
L3                QUE L2 AND L1
L4             50 S L3
L5              1 S PYRIMIDINE/CN
L6              1 S PYRIDINE/CN
L7              1 S PYRAZINE/CN

=> s l3 full
FULL SEARCH INITIATED 13:52:47 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    25152 TO ITERATE

100.0% PROCESSED     25152 ITERATIONS                          6039 ANSWERS
SEARCH TIME: 00.00.01

L8          6039 SEA SSS FUL L2 AND L1

=> s l8 and (46.195.39*rid or 46.383.21*rid)
'RID' IS NOT A VALID NUMERIC FIELD CODE
For a list of field codes in the current file, enter "HELP SFIELDS" at
an arrow prompt (=>).

=> s l8 and 46.195.39*rid
'RID' IS NOT A VALID NUMERIC FIELD CODE
For a list of field codes in the current file, enter "HELP SFIELDS" at
an arrow prompt (=>).

=> s l8 and 46.195.39/rid
        590565 46.195.39/RID
L9            108 L8 AND 46.195.39/RID

=> d scan
```

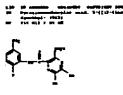



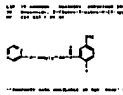



```
=> d his

     (FILE 'HOME' ENTERED AT 13:48:27 ON 15 NOV 2007)

     FILE 'REGISTRY' ENTERED AT 13:48:52 CON 15 NOV 2007
L1                SCREEN 1993
L2                STRUCTURE UPLOADED
L3                QUE L2 AND L1
L4             50 S L3
L5              1 S PYRIMIDINE/CN
L6              1 S PYRIDINE/CN
L7              1 S PYRAZINE/CN
L8           6039 S L3 FULL
L9            108 S L8 AND 46.195.39/RID

=> s l8 and 46.383.21/rid
         75210 46.383.21/RID
L10           19 L8 AND 46.383.21/RID

=> d scan
```










```
=> d his

     (FILE 'HOME' ENTERED AT 13:48:27 ON 15 NOV 2007)

     FILE 'REGISTRY' ENTERED AT 13:48:52 ON 15 NOV 2007
L1             SCREEN 1993
L2             STRUCTURE UPLOADED
L3             QUE L2 AND L1
L4          50 S L3
L5           1 S PYRIMIDINE/CN
L6           1 S PYRIDINE/CN
L7           1 S PYRAZINE/CN
L8        6039 S L3 FULL
L9         100 S L8 AND 46.195.39/RID
L10         19 S L8 AND 46.383.21/RID

=> s fields help
             0 FIELDS
             9 HELP
L11          0 FIELDS HELP
                 (FIELDS(W)HELP)

=> help sfields
```

The searchable fields in the REGISTRY File for general terms, nomenclature-based terms, terms derived from molecular formulas, and property data terms are listed below. If you do not specify a field, your term will be searched in the Basic Index, which contains all Name segments, collective index codes, and molecular formula fragments.

CAS Registry Numbers may also be entered without a field code. The system will automatically append /RN to the Registry Numbers before searching them. Registry Numbers containing truncation or character masking must be searched in the /RN field.

Both left and right truncation (SLART) may be used in the /CNS, /WTE, and /ENTE search fields in the REGISTRY File. A term with left truncation must contain at least four characters, for example, S ?CYAN?/CNS. A term with left truncation will retrieve only terms that have at least one alphabetic character, for example, S ?1040/CNS will retrieve C1040/CNS but not 21040/CNS or 1040/CNS.

Numeric fields may be searched as single point values, ranges, or with numeric operators, e.g., 12/S, 200-250/FW, HC >= 3.

Material Composition (MAC) may be searched with both text terms for components and numeric terms for composition. For further information, enter HELP MAC at an arrow prompt (=>).

FIELD NAME	FIELD QUALIFIER
Basic Index	/BI (or none)
CAS Registry Number Locator	/LC
CAS Registry Number	/RN
Class Identifier	/CI
Component Registry Number	/CRN

Definition	/DEF	
Editor Note	/EDTE	
Entry Date	/ED	(numeric)
Field Availability	/FA	
File Segment	/FS	
Number of References in the CA File	/REF.CA	(numeric)
Number of References in the CA File for non-specific derivatives	/REF.CAD	(numeric)
Number of References in the CAOLD File	/REF.CAOLD	(numeric)
Number of References in the CAplus File	/REF.CAPLUS	(numeric)
Polymer Class Term	/PCT	
Polymer Class Term Count	/PCT.CNT	(numeric)
Source of Registration	/SR	
Update Date	/UP	(numeric)

Nomenclature Fields

Chemical Name	/CN	
Chemical Name Segment	/CNS	
Heading Parent	/HP	
Index Name Segment - Heading Parent	/INS.HP	
Index Name Segment - Non-Heading Parent	/INS.NHP	
Other Name Segment	/ONS	

Molecular Formula Fields

Atom Count	/ATC	(numeric)
Element Count	/ELC	(numeric)
Element Count for Substance	/ELC.SUB	(numeric)
Element Formula	/ELF	
Element Ratio, xx (xx = CH, CN, CO, HC, HN, HO, NC, NH, NO, OC, OH, ON)	/ELR.xx	(numeric)
Element Symbol	/ELS	
Element Symbol for Multicomponent Formula	/ELS.MCF	
Formula Weight	/FW	(numeric)
Material Composition	/MAC	(mixed)
Molecular Formula	/MF	
Number of Components	/NC	(numeric)
Periodic Group	/PG	
Relative Composition	/RC	
Specific Element Counts	/CU, /H1, etc.	(numeric)

The Element Formula (ELF) field requires spaces between the elements in the formula, e.g., => S C H N O/ELF. The Molecular Formula (MF) field may be entered with or without spaces. Formula fragments searched in the Basic Index must be entered without spaces.

CAplus Document Type and Super Roles Search Fields

	Search Field
Document type	/DT.CA
Super roles for specific substances	/RL
Super roles for non-specific	/RLD

derivatives	
Super roles for specific substances and non-specific derivatives	/RLS
Super roles for specific substances from patents	/RL.P
Super roles for non-specific derivatives from patents	/RLD.P
Super roles for specific substances and non-specific derivatives from patents	/RLS.P
Super roles for specific substances from non-patent documents	/RL.NP
Super roles for non-specific derivatives from non-patent documents	/RLD.NP
Super roles for specific substances and non-specific derivatives from non-patent documents	/RLS.NP

REGISTRY contains property data and related information in the following search fields. Unless indicated otherwise in footnote (1), property search fields may be searched using numeric operators or ranges.

Field Name	Search Field	Default Unit
Bioconcentration Factor	/BCF	none
Bioconcentration Factor pH	/BCF.PH	none
Bioconcentration Factor Temp.	/BCF.T	deg C
Boiling Point	/BP	deg C
Boiling Point Pressure	/BP.P	Torr
Density	/DEN	g/cm**3
Density Pressure	/DEN.P	Torr
Density Temperature	/DEN.T	deg C
Electric Conductance	/ECON	#iemens
Electric Conductance Temperature	/ECON.T	deg C
Electric Conductivity	/ECND	#/cm
Electric Conductivity Temperature	/ECND.T	deg C
Electric Resistance	/EXES	ohm
Electric Resistance Temperature	/EXES.T	deg C
Electric Resistivity	/EXRST	ohm*cm
Electric Resistivity Temperature	/EXRST.T	deg C
Enthalpy of Vaporization	/HVAP	kJ/mol
Enthalpy of Vaporization Pressure	/HVAP.P	Torr
Experimental Properties (1)	/EPROPS	none
Experimental Property Tags (2)	/ETAG	none
Flash Point	/FP	deg C
Freely Rotatable Bonds	/FRB	none
Glass Transition Temperature	/TG	deg C
Hydrogen Acceptors	/HAC	none
Hydrogen Donors	/HD	none
Hydrogen Donor/Acceptor Sum	/HDAS	none
Koc (Organic Carbon Absorption Coeff.	/KOC	none
Koc pH	/KOC.PH	none
Koc Temperature	/KOC.T	deg C
LogD	/LOGD	none

LogD pH	/LOGD.PH	none
LogD Temperature	/LOGD.T	none
LogP	/LOGP	none
LogP Temperature	/LOGP.T	deg C
Mass Intrinsic Solubility	/ISLB.MASS	g/L
Mass Intrinsic Solubility Temperature	/ISLB.T	deg C
Mass Solubility	/SLB.MASS	g/L
Mass Solubility pH	/SLB.PH	none
Mass Solubility Temperature	/SLB.T	deg C
Magnetic Moment	/MM	muB
Magnetic Moment Temperature	/MM.T	K
Median Lethal Dose	/LD50	mg/kg
Median Lethal Dose Organism	/LD50.ORGM	none
Median Lethal Dose Route of Administration	/LD50.RTE	none
Melting Point	/MP	deg C
Melting Point Pressure	/MP.P	Torr
Melting Point Solvent	/MP.SOL	none
Molar Intrinsic Solubility	/ISLB.MOL	mol/L
Molar Intrinsic Solubility Temp.	/ISLB.T	deg C
Molar Solubility	/SLB.MOL	mol/L
Molar Solubility pH	/SLB.PH	mol/L
Molar Solubility Temperature	/SLB.T	deg C
Molar Volume	/MVOL	cm**3/mol
Molar Volume Temperature	/MVOL.T	deg C
Molar Volume Pressure	/MVOL.P	Torr
Molecular Weight	/MW	none
Optical Rotatory Power	/ORP	deg
Optical Rotatory Power Concentration	/ORP.C	g/100mL
Optical Rotatory Power Temperature	/ORP.T	deg C
Optical Rotatory Power Pathlength	/ORP.LEN	dm
Optical Rotatory Power Solvent	/ORP.SOL	none
Optical Rotatory Power Wavelength	/ORP.W	nm
pKa	/PKA	none
pKa Temperature	/PKA.T	deg C
pKa Type	/PKA.TYP	none
Polar Surface Area	/PSA	A**2 (angstrom**2)
Property Note (1)	/PNT	none
Property Source (1)	/PSO	none
Property Type (1)	/PTYP	none
Reference Accession Number in CA (1)	/RAN.CA	none
Refractive Index	/RI	none
Refractive Index Temperature	/RI.T	deg C
Refractive Index Wavelength	/RI.W	nm
Spectra (1)	/SPEC	none
Tensile Strength	/TS	MPa
Tensile Strength Temperature	/TS.T	deg C
Uncertainty Range	/UR	none
Vapor Pressure	/VP	Torr
Vapor Pressure Temperature	/VP.T	deg C

(1) Field containing text terms which are not searchable with numeric operators or ranges.
(2) For a list of the tagged properties, refer to REGISTRY: Tagged Experimental Properties at:

www.cas.org/support/stngen/stndoc/properties.html

For information on the sources and definitions of properties, refer to Property Searching in REGISTRY:

www.cas.org/support/stngen/stndoc/properties.html

Enter HELP ROLES at an arrow prompt in the file for a list of CAplus super roles that are searchable in REGISTRY.

Additional information on search or display fields is available in the following messages:

HELP SRINGS	- list of ring data search fields
HELP SSQ	- list of sequence search fields
HELP DFIELDS	- list of display field codes

```
=> help srings
```

The Ring Analysis search fields allow you to search for information about specific ring systems or smaller rings within a ring system.

Numeric fields may be searched as single point values, ranges, or with numeric operators, e.g., 6/CNR, 10-15/NR, NRRS >= 7.

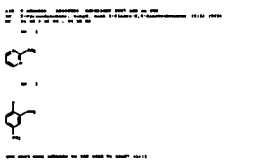
Ring Analysis Fields

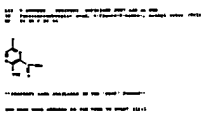
Number of Smallest Rings in a Component	/CNR	(numeric)
Number of Ring Systems in a Component	/CNRS	(numeric)
Elemental Analysis for the Ring System (and number of occurrences of EA in a component structure)	/EA*	
Elemental Analysis for the Smallest Ring (and number of occurrences of EAS in a ring system)	/EAS*	
Elemental Sequence for Ring System (and number of occurrences of ES in a component structure)	/ES*	
Elemental Sequence for Smallest Ring (and number of occurrences of ESS in a ring system)	/ESS*	
Number of Rings (number of smallest rings)	/NR	(numeric)
Number of Rings in Ring System	/NRRS	(numeric)
Number of Ring Systems	/NRS	(numeric)
Ring Atom Count	/RATC	(numeric)
Ring Element (and number of occurrences of REL in a ring system)	/REL*	
Ring Element Count	/RELC	(numeric)
Ring Elemental Formula (and number of occurrences of RELF in a component structure)	/RELF*	
Ring System Formula (and number of occurrences of RF a component structure)	/RF*	

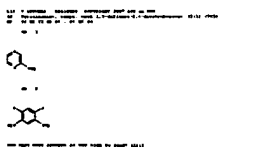
```
Ring Identifier                                  /RID*
 (and number of occurrences of RID in
  a component structure)
Size for the Ring System                         /SZ*
 (and number of occurrences of SZ in
  a component structure)
Ring Size of Smallest Ring                       /SZS*     (numeric)
 (and number of occurrences of SZS in
  a ring system)

Fields marked with an asterisk (*) can be searched for the specific
ring data alone or combined with the number of occurrences of the
specific value.  The occurrence count must be input first in the
search field.  The number of occurrences is a numeric search term
and may be used with numeric operators.  An automatic system edit is
applied to allow this shortcut entry of count with the specific
field.  The system edit appears following the summary line for the
search statement.  For example, to find substances with 3 occurrences
of a ring system with an elemental analysis of C4N-C6:

     => S 3 C4N-C6/EA
              498046 3/EA.CNT
              220341 C4N-C6/EA
     L1          870 3 C4N-C6/EA
                       (3/EA.CNT (T) C4N-C6/EA)

The .CNT means the search term was the occurrence count.

The Ring Elemental Formula (RELF) field requires spaces between the
elements in the formula, e.g., => S C H O P/RELF.  Other formula
fields must be entered without spaces.

Additional information on finding ring data and on other search
fields and display fields is available in the following messages:

HELP SFIELDS      -  List of search field codes for general,
                     nomenclature, and formula-based search terms
HELP SSQ          -  List of biosequence search fields
HELP DFIELDS      -  List of display field codes


=> d his

     (FILE 'HOME' ENTERED AT 13:48:27 ON 15 NOV 2007)

     FILE 'REGISTRY' ENTERED AT 13:48:52 ON 15 NOV 2007
L1             SCREEN 1993
L2             STRUCTURE UPLOADED
L3             QUE L2 AND L1
L4           50 S L3
L5            1 S PYRIMIDINE/CN
L6            1 S PYRIDINE/CN
L7            1 S PYRAZINE/CN
L8         6039 S L3 FULL
L9          108 S L8 AND 46.195.39/RID
L10          19 S L8 AND 46.383.21/RID
L11           0 S FIELDS HELP
```

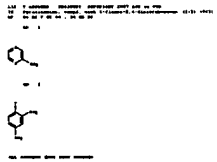


```
=> s 19 or 110
L12          127 L9 OR L10

=> s l12 and 1/cnrs
          8225706 1/CNRS
L13            9 L12 AND 1/CNRS

=> d scan
```

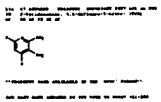



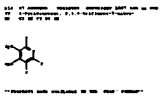


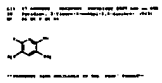


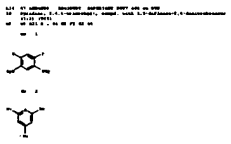


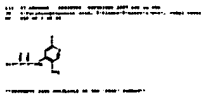

```
=> l
1 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> dhis
DHIS IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d his

     (FILE 'HOME' ENTERED AT 13:48:27 ON 15 NOV 2007)

     FILE 'REGISTRY' ENTERED AT 13:48:52 ON 15 NOV 2007
L1             SCREEN 1993
L2             STRUCTURE UPLOADED
L3             QUE L2 AND L1
L4           50 S L3
L5            1 S PYRIMIDINE/CN
L6            1 S PYRIDINE/CN
L7            1 S PYRAZINE/CN
L8         6039 S L3 FULL
L9          108 S L8 AND 46.195.39/RID
L10          19 S L8 AND 46.383.21/RID
L11           0 S FIELDS HELP
L12         127 S L9 OR L10
L13           9 S L12 AND 1/CNRS

=> s l9 and 46.156.30/rid
        1718452 46.156.30/RID
L14           1 L9 AND 46.156.30/RID

=> s l8 and 46.156.30/rid
        1718452 46.156.30/RID
L15         317 L8 AND 46.156.30/RID

=> s l15 and 1/cnrs
        8225706 1/CNRS
L16           47 L15 AND 1/CNRS

=> d scan
```

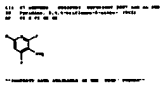


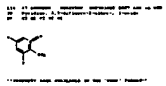


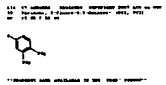


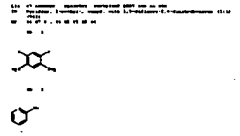


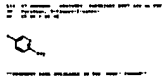


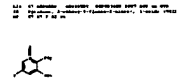


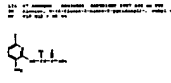


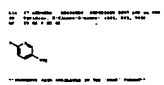


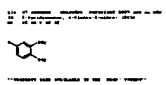


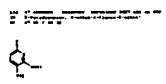


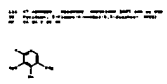


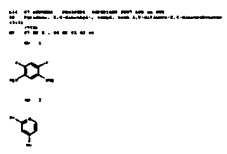


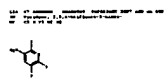


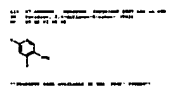


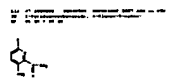


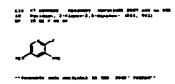


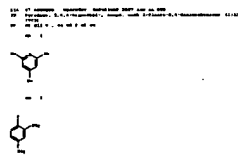


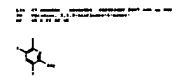


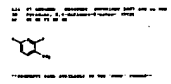


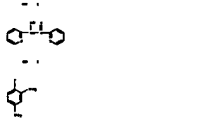


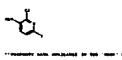


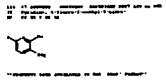


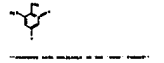


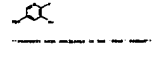


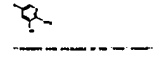


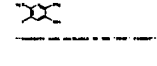


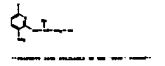


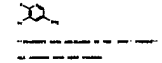












```
=> FIL STNGUIDE
FILE 'STNGUIDE' ENTERED AT 14:05:23 ON 15 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov  9, 2007 (20071109/UP).

=> log off
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:n

=>
Connecting via Winsock to STN



Welcome to STN International:  Enter x:X

LOGINID:SSPTADED1625

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1              Web Page for STN Seminar Schedule - N. America
 NEWS  2  JUL 02  LANDLINE coverage updated
 NEWS  3  JUL 02  SCISEARCH enhanced with complete author names
 NEWS  4  JUL 02  CHEMCATS accession numbers revised
 NEWS  5  JUL 02  CA/CAplus enhanced with utility model patents from China
 NEWS  6  JUL 16  CAplus enhanced with French and German abstracts
 NEWS  7  JUL 18  CA/CAplus patent coverage enhanced
 NEWS  8  JUL 26  USPATFULL/USPAT2 enhanced with IPC reclassification
 NEWS  9  JUL 30  USGENE now available on STN
 NEWS 10  AUG 06  CAS REGISTRY enhanced with new experimental property tags
 NEWS 11  AUG 06  FSTA enhanced with new thesaurus edition
 NEWS 12  AUG 13  CA/CAplus enhanced with additional kind codes for granted
                  patents
 NEWS 13  AUG 20  CA/CAplus enhanced with CAS indexing in pre-1907 records
 NEWS 14  AUG 27  Full-text patent databases enhanced with predefined
                  patent family display formats from INPADOCDB
 NEWS 15  AUG 27  USPATOLD now available on STN
 NEWS 16  AUG 28  CAS REGISTRY enhanced with additional experimental
                  spectral property data
 NEWS 17  SEP 07  STN AnaVist, Version 2.0, now available with Derwent
                  World Patents Index
 NEWS 18  SEP 13  FORIS renamed to SOFIS
 NEWS 19  SEP 13  INPADOCDB enhanced with monthly SDI frequency
 NEWS 20  SEP 17  CA/CAplus enhanced with printed CA page images from
                  1967-1998
 NEWS 21  SEP 17  CAplus coverage extended to include traditional medicine
                  patents
 NEWS 22  SEP 24  EMBASE, EMBAL, and LEMBASE reloaded with enhancements
 NEWS 23  OCT 02  CA/CAplus enhanced with pre-1907 records from Chemisches
```



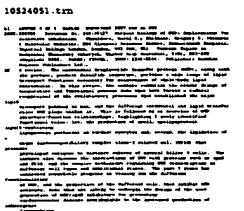
```
                  Zentralblatt
 NEWS 24  OCT 19  BEILSTEIN updated with new compounds
 NEWS 25  NOV 15  Derwent Indian patent publication number format enhanced

 NEWS EXPRESS  19 SEPTEMBER 2007:  CURRENT WINDOWS VERSION IS V8.2,
               CURRENT MACINTOSH VERSION IS V6.0c(DMG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPCR     For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:52:19 ON 15 NOV 2007

=> le caplus apoB inhibitors
LE IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> file caplus
FILE 'CAPLUS' ENTERED AT 14:52:35 ON 15 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)


Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN.  Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 15 Nov 2007  VOL 147 ISS 21
FILE LAST UPDATED: 14 Nov 2007  (20071114/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> e apoB inhibitors
```

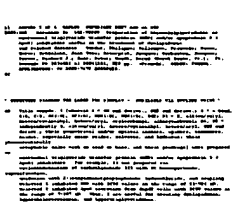


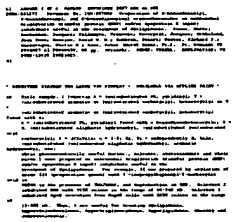
```
          4523 APOB
            19 APOBS
          4524 APOB
                 (APOB OR APOBS)
        559874 INHIBITORS
Li           6 APOB INHIBITORS
                 (APOB(W)INHIBITORS)

=> d scan
```



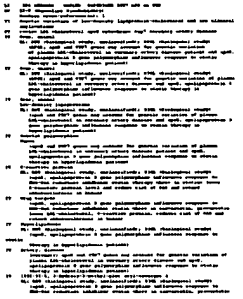
```
=> d chib abe 1-6
```

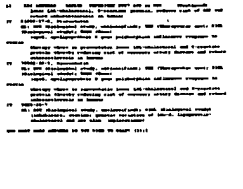


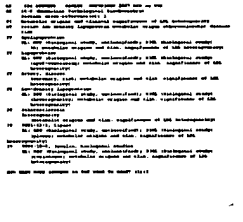


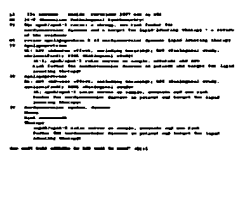


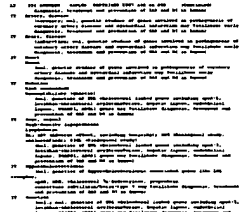

```
=> s apoB
          4522 APOB
            19 APOBS
L2        4524 APOB
               (APOB OR APOBS)

=> s l2 and review/dt
       20868822 REVIEW/DT
L3          336 L2 AND REVIEW/DT

=> d scan
```

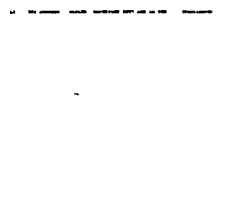



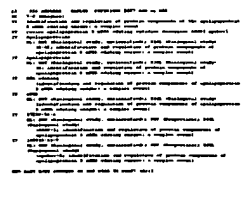


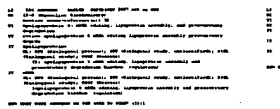


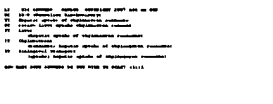


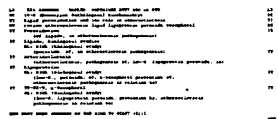


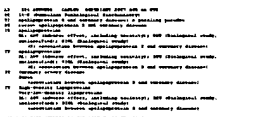


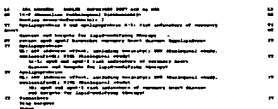


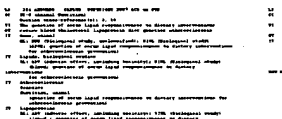


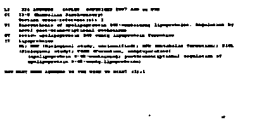


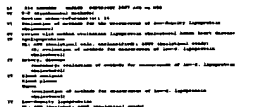


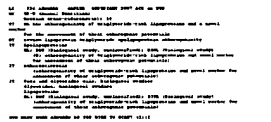


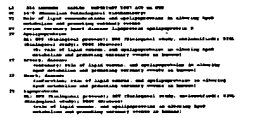


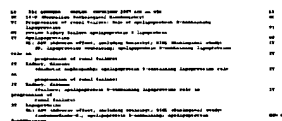


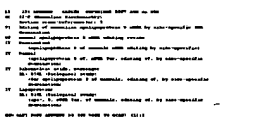


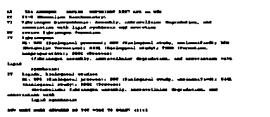


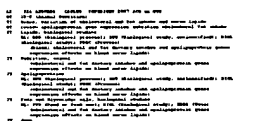




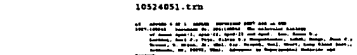









```
=> s molecular biology/ti
         407697 MOLECULAR/TI
             12 MOLECULARS/TI
         407708 MOLECULAR/TI
                  ((MOLECULAR OR MOLECULARS)/TI)
           3781 MOL/TI
             81 MOLS/TI
           3859 MOL/TI
                  ((MOL OR MOLS)/TI)
         411277 MOLECULAR/TI
                  ((MOLECULAR OR MOL)/TI)
              0 IOLOGY/TI
L4            0 MOLECULAR IOLOGY/TI
                  ((MOLECULAR(W)IOLOGY)/TI)

=> s L3 molecular biology/ti
MISSING OPERATOR L3 MOLECULAR
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s L3 and molecular biology/ti
         407697 MOLECULAR/TI
             12 MOLECULARS/TI
         407708 MOLECULAR/TI
                  ((MOLECULAR OR MOLECULARS)/TI)
           3781 MOL/TI
             81 MOLS/TI
           3859 MOL/TI
                  ((MOL OR MOLS)/TI)
         411277 MOLECULAR/TI
                  ((MOLECULAR OR MOL)/TI)
          29304 BIOLOGY/TI
              5 BIOLOGIES/TI
          29309 BIOLOGY/TI
                  ((BIOLOGY OR BIOLOGIES)/TI)
           1939 BIOL/TI
          31075 BIOLOGY/TI
                  ((BIOLOGY OR BIOL)/TI)
           8712 MOLECULAR BIOLOGY/TI
                  ((MOLECULAR(W)BIOLOGY)/TI)
L5            1 L3 AND MOLECULAR BIOLOGY/TI

=> d chib abs
```




```
=> s L3 coronary heart disease/ti
MISSING OPERATOR L3 CORONARY
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s L3 and coronary heart disease/ti
         24392 CORONARY/TI
            26 CORONARIES/TI
         24418 CORONARY/TI
                   ((CORONARY OR CORONARIES)/TI)
         61177 HEART/TI
          5730 HEARTS/TI
         66748 HEART/TI
                   ((HEART OR HEARTS)/TI)
        126584 DISEASE/TI
         49864 DISEASES/TI
        175644 DISEASE/TI
                   ((DISEASE OR DISEASES)/TI)
          3189 CORONARY HEART DISEASE/TI
                   ((CORONARY(W)HEART(W)DISEASE)/TI)
L4           2 L3 AND CORONARY HEART DISEASE/TI

=> d chib abs 14
```



```
=> d chib abs 14 1-2
```



```
=> FIL STNGUIDE
FILE 'STNGUIDE' ENTERED AT 14:59:33 ON 15 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov  9, 2007 (20071109/UP).

=>
```